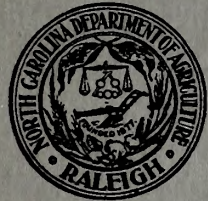


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# FARM FORECASTER

## CROP AND LIVE STOCK REPORT FOR NORTH CAROLINA

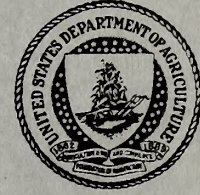


**COOPERATIVE CROP REPORTING SERVICE**

**NORTH CAROLINA**  
DEPARTMENT OF AGRICULTURE  
DIVISION OF AGRICULTURAL STATISTICS

**UNITED STATES**  
DEPARTMENT OF AGRICULTURE  
BUREAU OF AGRICULTURAL ECONOMICS

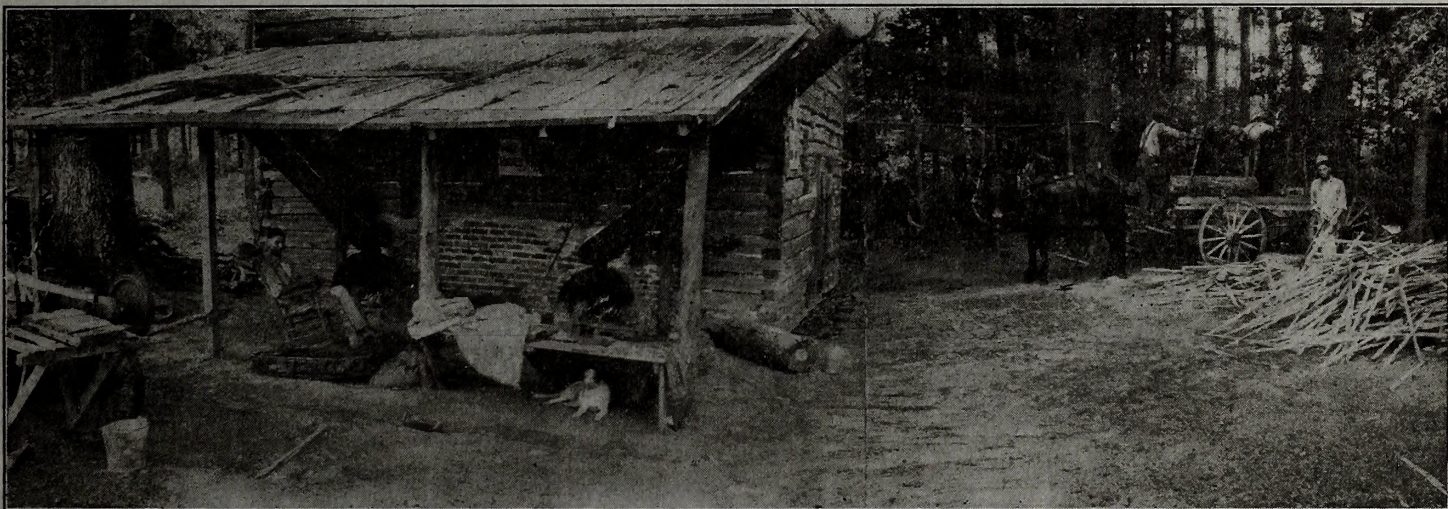
RALEIGH, NORTH CAROLINA



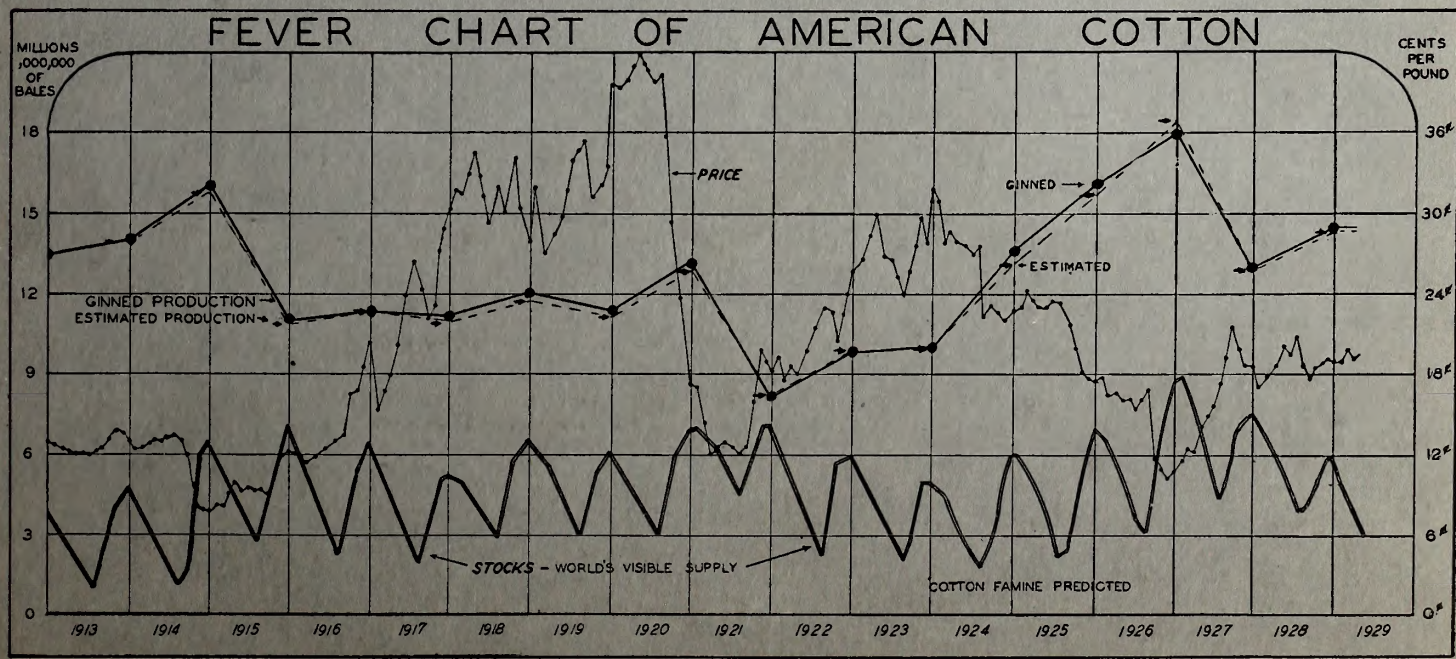
APRIL, 1929

### ANNUAL SUMMARY ISSUE

NUMBER 53



# NORTH CAROLINA---1928-29



Cotton Chart showing production, prices and stocks. See page 9. At top shows tobacco curing barn in action.

## THE COMMISSIONER'S MESSAGE

The solution of the farm problem lies primarily with the individual farmer; but he must co-operate with groups of men in his own calling in order to effect a mass government and a mass control of his product. In fact, co-operation is one of the greatest factors that must enter into the problem. However, collective thought is, after all, but the composite of individual brain work. There can be no doubt but that the real solution to the farm problem must come from the farmer himself rather than from the government. Legislation ought to be enacted that will give the farm produce a status equal to that enjoyed by the manufacturer of other products. He should be encouraged, his interests safeguarded, and unjust obstacles should be removed from his path. However, until planning is co-ordinated with planting there can be no permanent solution.

WM. A. GRAHAM,  
*Commissioner of Agriculture.*

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# FARM FORECASTER

## CROP AND LIVE STOCK REPORT FOR NORTH CAROLINA

W. A. GRAHAM, Commissioner of Agriculture  
WILLIAM H. RHODES, Jr., Associate Agricultural Statistician

W. F. CALLANDER, Chairman Crop Reporting Board (U. S.)  
FRANK PARKER, Agricultural Statistician

### REVIEW OF 1928

The past year in North Carolina resulted in a record tobacco production for any State—half a billion pounds, but it was six from the record in value. We shipped our largest crop of peaches (3,242 cars) which brought grave worries to most commercial growers. Commercial truck crops were very disappointing and Irish potatoes netted ruination to large numbers of those expecting a bumper year. Even peanuts, which followed a very short crop in 1927, sold comparatively low, but to sufficient advantage to cause an appreciable increase in acreage for 1929. Small grains made disappointing yields. This especially applied to fall planted oats.

The government's January 1928 Agricultural Outlook Report suggested that potatoes and tobacco did not offer good prospects and told why. The March Intention to Plant Report further indicated too much acreage for certain crops. The indifference of farmers to these helpful economic reports, and some even went so far as to severely criticize them, does not help to bring farm relief. It was this tendency which resulted in bills being introduced into the early 1929 Legislature intended to abolish crop forecast reports and the annual crops acreage county census reports.

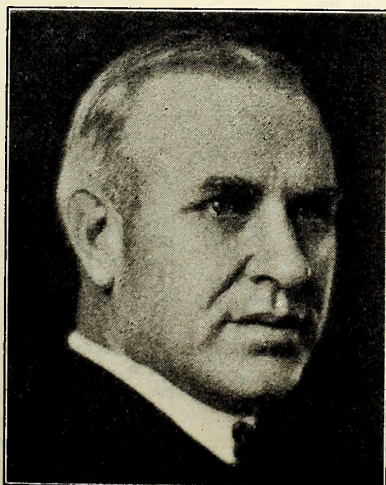
The 25,000 who read these lines and the valuable expressions of economists and agricultural leaders shown elsewhere, probably either do not need these opinions or else will pass them on to only a few others. Do you realize, however, that farm relief must first of all come from within? The individual, as Commissioner Graham says, must aid whether alone or cooperatively in meeting the marketing requirements. This will require not so much field work as it will brain work. One must study more. He must analyze the relationship of prospective supply, demand and stocks to that of previous years. This idea is graphically presented on the front cover concerning the cotton crop.

The supply and disappearance of both tobacco and cotton shown in the accompanying tables offers a good opportunity for studying yearly trends and the probabilities for the forth coming season. Such trends are essential in a business study of these crops.

The reliability of crop estimates is illustrated in the table shown below for the years 1922 to 1928. The 1928 cotton crop changed from a very good outlook in August to a short one in November was largely responsible for the percentage of change shown by the September reports. As a rule, the estimates are less than the final ginnings. This is clearly illustrated in the graph on the front cover.

#### O. MAX GARDNER

*Governor  
of the State of  
North Carolina*



#### OBJECTIVE:

*Agricultural Administration*

### OUTLOOK FOR 1929

While no one may ever exactly forecast crop results prior to the harvest, it has been definitely proven that such may be reliably predicted. On the same grounds that certain conditions having produced known results in the past, it is quite likely that similar results will develop under like conditions during the coming season. On page 9 is shown evidence of the reliability of crop estimates. Of course, the real basis of reliability is the fact that thousands of reputable farmers, scattered in every county of North Carolina, submit monthly systematic reports showing the crop and livestock trends.

The 1929 Agricultural Outlook report was sent to our reporters, with the hope that they would digest its valuable predictions. Hundreds of America's recognized agricultural authorities spent two weeks in a most careful analysis and preparation of this report. It was based on hundreds of thousands of farmers' reports during 1928. They predict that tobacco has a very doubtful outlook. Burley tobacco is a direct competitor of our Bright leaf in the cigarette trade. The burley acreage is greatly increased and even our own acreage of types 11, 12 and 13 is probably slightly increased. Thus record acreage follows a record production. It also showed a forty percent reduction in the early Irish potato acreage, while reports were intended to forewarn the growers so that they may change their actual plantings in the light of the first intentions. It is evident that some did.

The Legislature failed to pass several bills purporting to do away with the essential crop reports. This would have blindfolded our farmers which would have given the private trade reports full opportunity to be used harmfully against the farmers, without a chance for the farm leaders to stop them.

The safest or surest farm relief will probably come to that farmer and community which goes into livestock farming. Study the Price Index numbers on page 34 and note the advantages that livestock hold over crops. The livestock specialists insist that by careful breeding, feeding and timely marketing these products may be found profitable as well as permanent soil builders. Dairying, poultry and hogs look quite attractive.

The winter has been too mild to kill out the boll weevils. They emerged early and so the only hope is for a dry summer season. The visible supply of cotton is quite low. See pages 9, 10 and 11. Common sense would indicate a higher trend in prices. However, the demand is not keen and the ladies prefer silk.

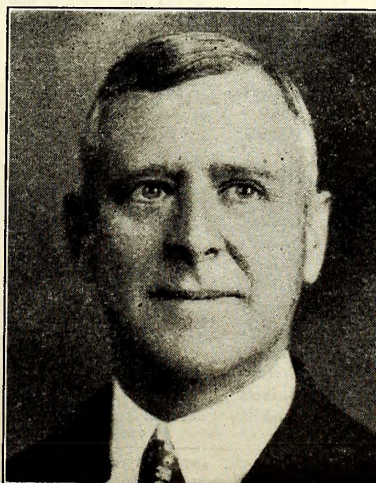
Whenever one objects to government reports let him first remember that they are the only source of current trends available to him, while the "trades" have their private sources of information. Thus the absence of the official reports would blindfold no one but the farmer himself.

The facts presented herein are well worth preserving and referring to. Good and safe ideas may be gained from any page. Several new features are included. Every cotton and tobacco farmer can well afford to study the information on Production, Consumption and Stocks of these crops shown on page nine. Very little comments have been included, for we too often look at the reading matter when we should study the tables.

A safe bet is that the farmers who turn to livestock farming will be the first to find farm relief. Nature has peculiarly favored grass growing in North Carolina.

#### WILLIAM A. GRAHAM

*Commissioner  
of the  
Department of Agriculture*



#### OBJECTIVE:

*Crop Diversification*

CROPS	Per cent of Crop Sold	Unit	Acreage			Yield per Acre			Production		
			1926	1927	1928	1926	1927	1928	1926	1927	1928
Corn, for grain	6	Bushels	2,296,000	2,251,000	2,207,000	22.0	22.80	18.5	50,512,000	51,323,000	40,830,000
Corn, for silage	0	Tons	15,000	16,000	14,000	4.0	5.80	5.0	60,000	88,000	70,000
Corn, for forage			65,000	85,000	84,000		2.10	2.0		178,000	168,000
Corn, all (except sweet and pop)		Bushels	2,376,000	2,352,000	2,305,000	22.0	22.80	18.5	52,272,000	53,626,000	42,642,000
Corn, leaf fodder and tops	8	Tons	1,600,000	1,350,000	1,200,000	.47	.50	.51	752,000	675,000	612,000
Corn, top fodder	2	Tons	360,000	376,320	380,000	.24	.26	.26	86,400	97,843	98,800
Winter Wheat, planted			456,000	498,000	483,000						
Winter Wheat, harvested	32	Bushels	447,000	483,000	444,000	14.1	10.7	11.6	6,303,000	5,168,000	5,150,000
Oats, for grain	13	Bushels	310,000	273,000	191,000	22.0	21.0	22.0	6,820,000	5,733,000	4,202,000
Barley, for grain	22	Bushels	15,000	20,000	32,000	26.0	24.0	23.0	390,000	480,000	736,000
Rye, for grain	21	Bushels	104,000	94,000	89,000	13.0	12.0	11.5	1,352,000	1,128,000	1,024,000
Buckwheat	52	Bushels	10,000	10,000	10,000	22.0	20.0	19.0	220,000	200,000	190,000
Sorghum, for sirup	43	Gallons	30,000	22,000	20,000	91.0	92.0	86.0	2,730,000	2,024,000	1,720,000
Sorghum, for forage	3	Tons	20,000	22,000	20,000	1.25	1.4	1.5	25,000	31,000	30,000
Cotton, planted			2,015,000	1,749,000	1,919,000						
Cotton, harvested (lint)	100	Pounds	1,985,000	1,728,000	1,883,000	*292.0	238.0	212.0	*1,213,000	861,000	835,000
Cottonseed	92	Tons	1,985,000	1,728,000	1,883,000	.27	.22	.20	539,920	383,616	370,951
Tohacco	98	Pounds	565,000	659,000	730,000	684.0	736.6	651.0	386,460,000	485,419,400	499,000,000
Potatoes, Irish (all)	52	Bushels	67,000	72,000	95,000	94.0	102.0	111.0	6,325,000	7,368,000	10,545,000
Potatoes, Irish (commercial early)	92	Bushels	32,000	36,000	46,400	120.0	120.0	138.0	3,840,000	4,320,000	6,403,000
Potatoes, sweet	28	Bushels	84,000	89,000	80,000	90.0	114.0	98.0	7,560,000	10,146,000	7,840,000
Sugar cane	8	Gallons	1,000	1,000	1,000	112.0	115.0	105.0	5,000	115,000	105,000
HAY CROPS											
Clover	11	Tons	91,000	100,000	116,000	1.0	1.0	1.1	91,000	100,000	128,000
Timothy	20	Tons	21,000	23,000	21,000	.9	.9	1.1	19,000	21,000	23,000
Clover and timothy, mixed	21	Tons	39,000	43,000	43,000	1.0	1.15	1.1	39,000	49,450	47,300
Alfalfa	11	Tons	5,000	6,000	7,000	1.9	1.85	2.0	9,500	11,150	14,000
Annual Legumes											
Cowpeas	17	Tons	81,000	105,000	80,000	.93	.95	.93	75,330	100,000	74,400
Soybeans	18	Tons	121,000	120,000	108,000	1.0	1.15	1.1	121,000	138,000	119,000
Velvet Beans*	3	Tons	3,000	3,000	2,700	.5	.8	.8	1,500	2,400	2,160
Vetch	2	Tons	14,000	15,000	16,000	1.0	.9	1.2	14,000	13,500	19,200
Peanuts	11	Tons	174,000	175,000	160,000	.7	.65	.7	121,800	113,750	112,000
Total annual legumes	16		393,000	418,000	366,700	.85	.88	.89	333,630	367,650	326,760
Grains cut Green for Hay*											
Wheat	0	Tons	1,000	1,000	1,000	1.05	1.0	.8	1,050	1,000	800
Oats	9	Tons	62,000	75,000	59,000	.8	.95	.91	49,600	71,250	53,690
Barley	1	Tons	2,000	2,000	2,400	1.5	1.3	1.0	3,000	2,600	2,400
Rye	6	Tons	29,000	34,000	33,000	.86	.88	.8	25,000	29,920	26,400
Total grains cut green		Tons	94,000	112,000	95,000	.83	.95	1.0	78,650	160,400	95,000
Other tame hay	22	Tons	120,000	122,000	122,000	1.0	1.0	1.0	120,000	122,000	122,000
All tame hay (total)	14	Tons	759,000	824,000	770,700	.9	.94	.98	681,000	777,650	756,060
Old meadow hay	16	Tons	160,000	155,000	155,000	.9	1.0	1.1	144,000	155,000	170,400
All wild hay	13	Tons	58,000	52,000	52,000	.9	1.1	1.15	52,000	57,200	59,800
LEGUMES FOR SEED											
Dry field beans	32	Bushels	2,000	2,000	2,000	4.0	5.0	4.5	8,000	10,000	9,000
Soy Beans											
Total (equivalent solid)			295,000	304,000	304,000						
For beans, total production*	62	Bushels	174,000	184,000	196,000	12.0	17.0	15.0	2,088,000	3,128,000	2,940,000
Soy beans, acres actually harvested (equiv. solid)		Bushels	106,000	94,000	94,000	13.0	15.0	11.5	1,378,000	1,410,000	1,081,000
Cowpeas											
Total (equivalent solid)			176,000	277,000	184,000						
For peas, total production*	29	Bushels	95,000	172,000	104,000	12.0	12.0	9.0	1,140,000	2,064,000	936,000
Cowpeas, acres actually harvested (equiv. solid)		Bushels	76,000	89,000	53,000	9.0	9.0	6.5	684,000	801,000	344,000
Velvet Beans											
Total (for all purposes)	12	Tons	8,000	8,000	7,000	.5	.65	.65	4,000	5,200	4,550
Peanuts											
For nuts, solid	88	Pounds	180,000	227,000	210,000	1,038.00	954.0	950.0	185,400,000	216,558,000	199,500,000
FRUIT**											
Apples, (agricultural)	19	Bushels	4,730,000	4,730,000	4,700,000				5,986,000	1,825,000	5,000,000
Apples, (commercial)	78	Barrels	370,000	370,000	370,000				*345,000	91,000	250,000
Peaches, (agricultural)	63	Bushels	5,000,000	5,000,000	4,900,000				2,250,000	1,300,000	2,590,000
Peaches, (commercial)	93	Bushels	2,750,000	2,700,000	2,600,000				1,500,000	1,000,000	2,025,000
Pears, (total)	20	Bushels	230,000	230,000	230,000				270,000	100,000	234,000
Grapes	22	Tons							6,840	5,135	6,000
Pecans	48	Pounds	27,000	29,000	30,000				450,000	450,000	400,000
COMMERCIAL TRUCK CROPS											
Snap beans	90	Hampers	3,390	4,480	6,900	90.0	85.5	86.4	305,000	383,000	596,000
Cabbage	91	Tons	620	780	780	5.0	4.2	5.0	3,100	3,300	3,900
Cantaloupes	82	Crates	2,100	2,310	2,310	84.0	115.0	113.0	176,000	265,650	261,030
Watermelons	86	Mellons	4,880	5,610	5,610	304.0	359.0	357.0	†1,484	2,014	2,003
Lettuce	93	Crates	1,420	1,490	1,370	267.0	190.0	190.0	379,000	283,100	260,300
Cucumbers	83	Hampers	4,570	4,340	4,340	116.0	176.0	132.0	530,000	763,840	572,880
Green Peas	89	Hampers	3,880	3,960	4,390	55.0	70.0	80.0	213,000	277,200	351,200
Peppers	84	Bushels	650	620	670	190.0	130.0	200.0	124,000	80,600	134,000
Strawberries	93	Quarts	5,080	5,800	6,200	2,147.0	2,872.0	2,687.0	10,907,000	16,657,600	16,659,400
Sweet Corn	92	Crates		2,200	2,000		110.0	100.0		22,000	20,000
Carrots	91	Bushels		680	450		200.0	200.0		316,000	290,000
Beets	89	Bushels		280	300						

\*Apples car lot shipments, 1926—415 cars, 1927—60 cars. Cotton yield shown in lint pounds per acre and production in bales. Velvet beans show a lower yield than is actually harvested. This crop is grazed and yields well over a ton per acre, but if actually harvested (machine) would give about the yield shown.

Price per Unit (Dec. 1)			Total Value			Value per Acre			Production Rank of State		Leading State in Production		CROPS
1926	1927	1928	1926	1927	1928	1926	1927	1928	1926	1927	1927		
\$	Revised	\$	\$	Revised	\$	\$	Revised	\$					
.88	.91	1.03	44,450,560	46,703,930	42,054,900	19.36	20.75	19.10					
5.25	6.00	6.00	315,000	528,000	420,000	21.00	33.00	30.00					
.88	.91	1.03	45,999,360	48,799,660	43,921,260	19.36	20.75	19.05	18	16	Iowa	Corn, for grain	
30.00	28.00	28.00	22,560,000	18,900,000	17,136,000	14.10	14.00	14.28				Corn, for silage	
15.00	14.00	14.50	1,296,000	1,369,800	1,432,600	3.60	3.64	3.77				Corn, for forage	
1.43	1.45	1.52	9,013,290	7,493,600	7,828,000	20.16	15.52	17.63	21	21	Kansas	Corn, all (except sweet and pop)	
.69	.72	.78	4,705,800	4,127,760	3,277,560	15.18	15.12	17.16	23	23	Iowa	Corn, leaf fodder and tops	
1.00	1.10	1.20	390,000	528,000	883,200	26.00	26.40	27.60	27	26	Minnesota	Corn, top fodder	
1.25	1.35	1.45	1,690,000	1,522,800	1,484,800	16.25	16.20	16.68	8	10	North Dakota	Winter wheat, planted	
1.00	1.00	1.00	220,000	200,000	190,000	22.00	20.00	19.00	11	12	Pennsylvania	Winter wheat, harvested	
.90	.90	.90	2,457,000	1,821,600	1,548,000	81.90	82.78	77.40	5	7	Arkansas	Oats, for grain	
19.00	18.00	17.50	475,000	558,000	525,000	23.75	25.20	26.25				Barley, for grain	
.115	.195	.185	69,748,000	83,948,000	73,839,000	35.14	48.58	39.21	7	7	Texas	Rye, for grain	
22.00	37.00	38.00	11,878,240	14,193,792	14,096,138	5.98	8.21	7.49				Buckwheat	
25.00	22.30	19.20	96,615,000	108,248,526	95,808,000	171.00	164.26	131.24	7	7		Sorghum, for sirup	
1.60	1.50	.65	10,120,000	11,052,000	6,854,250	150.40	153.00	72.15	1	1	North Carolina	Sorghum, for forage	
1.68	1.91	.54	6,451,000	8,251,200	3,458,000	201.60	229.20	74.53	16	17	Minnesota	Cotton, planted	
1.00	.80	.85	7,560,000	8,116,800	6,664,000	90.00	91.20	83.30	3	3	Texas	Cotton, harvested (lint)	
.95	1.00	.90	106,400	115,000	94,500		115.00	94.50				Cottonseed	
26.50	20.00	20.00	2,411,500	2,000,000	2,560,000	26.50	20.00	22.07	20	24	Kansas	Tobacco	
24.00	21.00	20.60	456,000	441,000	473,800	21.60	18.90	22.56	33	33	West Virginia	Potatoes, Irish (all)	
27.00	24.00	25.00	1,053,000	1,176,000	1,182,500	27.00	27.60	27.50	32	34	West Virginia	Potatoes, Irish (commercial early)	
24.00	22.70	21.00	228,000	253,105	294,000	45.60	42.00	42.00	41	41	California	Potatoes, sweet	
25.50	23.00	24.00	1,920,915	2,300,000	1,785,600	23.72	21.90	22.32				Sugar cane	
26.50	24.00	25.00	3,206,500	3,312,000	2,975,000	26.50	27.60	27.55					
17.50	17.00	18.00	26,250	40,800	38,880	8.75	13.60	14.40					
26.50	25.00	24.00	371,000	337,500	460,800	26.50	22.50	28.80					
14.00	15.00	15.00	1,705,200	1,706,250	1,680,000	9.80	9.75	10.50					
21.67	20.93	21.24	7,229,865	7,696,550	6,940,280	18.42	18.41	18.93	3	2	Illinois		
16.00	15.00	14.00	16,800	15,000	11,200	16.80	15.00	11.20					
19.00	18.00	18.00	942,400	1,282,500	966,420	15.20	17.10	16.38					
18.00	17.00	17.00	54,000	44,200	40,800	27.00	22.10	17.00					
17.00	16.00	15.50	425,000	478,720	409,200	14.62	14.08	12.40					
18.29	17.11	15.03	1,438,509	1,820,420	1,427,620	15.18	16.25	15.03	15	13	California		
20.55	20.00	20.00	2,466,000	2,440,000	2,440,000	20.55	20.00	20.00	26	29			
20.00	20.35	20.26	13,620,000	15,827,075	15,318,200	18.00	19.21	19.88	31	31	New York		
16.00	16.00	16.50	2,304,000	2,480,000	2,816,000	14.40	16.00	18.18					
16.00	13.40	13.40	832,000	763,800	801,320	14.40	14.74	15.41	22	22	South Dakota		
4.25	4.25	5.00	34,000	42,500	45,000	17.00	21.25	22.50					
1.75	1.50	1.65	3,654,000	4,692,000	4,851,000	21.00	25.50	24.75			Illinois		
1.75	1.50	1.65	2,412,000	2,115,000	1,621,500	22.75	22.50	17.25	2	2			
2.25	1.75	1.95	2,565,000	3,612,000	1,825,200	27.00	21.00	17.55			South Carolina		
2.25	1.75	1.95	1,539,000	1,246,000	670,800	20.25	14.00	12.66	2	3			
.042	.045	.049	7,786,800	9,745,000	9,775,500	43.26	42.93	46.55	1	2	Georgia		
.85	1.65	.90	5,088,000	3,011,000	4,500,000						Washington		
2.30	5.10	2.70	793,500	464,100	675,000						Washington		
.90	1.70	.75	2,025,000	2,210,000	1,942,500						California		
		.65			1,316,250								
1.15	1.35	1.10	310,000	135,000	257,400						California		
50.00	50.00	45.00	342,000	257,000	275,000						California		
.39	.36	.31	175,500	162,000	124,000								
1.89	1.78	1.02	576,000	681,740	607,920	169.91	152.17	88.10	8	6	New Jersey		
30.00	50.75	54.00	93,000	167,000	211,000	150.00	214.10	270.51	29	29	New York		
.88	.97	.98	155,000	258,000	256,000	73.81	111.69	110.82	12	9	California		
77.00	149.00	136.00	114,000	300,000	272,000	23.36	53.48	48.48	9	7	Georgia		
2.00	1.87	1.60	758,000	529,397	416,480	533.80	355.30	304.00	7	7	California		
1.13	.90	.72	599,000	611,072	412,474	131.07	140.80	95.04	2	2	Florida		
1.32	1.92	.82	281,000	532,224	287,984	72.42	134.40	65.60	5	6	California		
1.25	.75	.53	155,000	61,000	71,000	238.46	98.39	105.97	4	6	New Jersey		
.16	.16	.12	1,745,000	2,665,000	1,999,000	343.50	459.48	322.42	10	9	Washington		
		.48			139,200			30.93					

\*Price per unit of tobacco is shown in dollars per hundred pounds. Prices of grain cut green for hay are difficult to procure since so little of this type hay is sold.  
\*\*Basis—Trees of bearing age.  
†Cars.

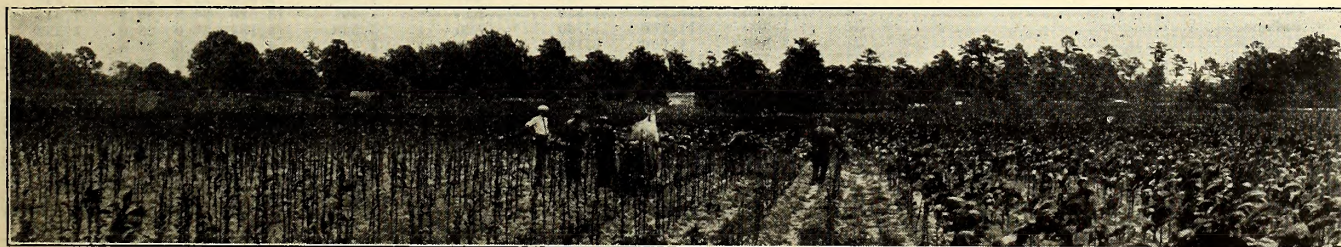
TOBACCO

DISTRICT AND COUNTIES	Acreage Planted Acres			Yield per Pound			Production Estimated Pounds			Price per Pound			Total Value of Crop			Value per Acre		
	1926	1927	1928	1926	1927	1928	1926	1927	1928	'26	'27	'28	1926	1927	1928	'26	'27	'28
										c	c	c	\$	\$	\$	\$	\$	\$
<b>DISTRICT 1</b>																		
Alleghany			3															
Ashe		5																
Avery			2															
Caldwell	427	408	452	500	750	720	213,500	306,000	325,440	23	21	20	49,105	64,260	65,088	115	158	144
Surry	17,572	19,084	18,174	632	705	642	11,105,504	13,454,220	11,667,708	25	22	19	2,776,376	2,959,928	2,216,865	158	155	122
Watauga	2	1	1															
Wilkes	946	1,149	981	570	624	620	539,220	716,976	608,220	25	22	19	134,805	179,244	115,562	143	156	118
Yadkin	8,363	9,679	9,851	617	645	602	5,159,971	6,242,955	5,930,302	27	22	19	1,393,192	1,373,450	1,126,572	167	142	114
<b>Northern Mountain (NW.)</b>	<b>27,310</b>	<b>30,326</b>	<b>29,464</b>	<b>623</b>	<b>683</b>	<b>629</b>	<b>17,018,195</b>	<b>20,720,151</b>	<b>18,531,670</b>	<b>26</b>	<b>22</b>	<b>19</b>	<b>4,353,478</b>	<b>4,576,882</b>	<b>3,524,272</b>	<b>159</b>	<b>151</b>	<b>120</b>
<b>DISTRICT 4</b>																		
Buncombe	270	230	390	600	700	650	162,000	161,000	253,500	23	20	23	37,260	32,200	58,305	138	140	150
Burke			19															
Cherokee	9	9	13															
Clay	12	8	7															
Graham			3															
Haywood	393	393	385	500	650	640	196,500	255,450	246,400	20	19	22	39,300	48,536	54,208	100	124	141
Henderson	21	3	5	600			12,600			21			2,646					
Jackson	7	8	1	600			4,200			20			840					
McDowell		2	4															
Macon	23	2	600				13,600			20			2,720					
Madison	2,357	1,905	3,086	760	740	660	1,791,320	1,409,700	2,036,760	19	21	24	340,351	296,037	488,822	102	155	158
Mitchell		9	18	650	600			5,850		20	24			1,170	2,592		130	144
Polk		4	10			640					23				1,472			147
Rutherford		4																
Swain	5	2	3	650			3,250			19			618					124
Transylvania																		
Yancey	305	383	503	700	765	650	213,500	292,995	326,950	19	18	25	40,565	52,739	81,738	133	140	163
<b>Western Mountain (W.)</b>	<b>3,402</b>	<b>2,965</b>	<b>4,444</b>	<b>705</b>	<b>717</b>	<b>653</b>	<b>2,396,970</b>	<b>2,124,995</b>	<b>2,901,290</b>	<b>19</b>	<b>20</b>	<b>23</b>	<b>464,300</b>	<b>430,682</b>	<b>691,598</b>	<b>136</b>	<b>145</b>	<b>156</b>
<b>DISTRICT 2</b>																		
Alamance	7,258	8,383	8,721	667	633	646	4,841,086	5,306,439	5,633,766	25	25	22	1,210,272	1,326,610	1,239,429	167	188	142
Caswell	16,261	16,263	18,090	650	660	636	10,569,650	10,733,580	11,505,240	25	25	20	2,642,413	2,683,395	2,301,048	163	165	127
Durham	9,648	9,290	10,959	617	630	636	5,952,816	5,852,700	6,969,924	25	25	19	1,488,204	1,463,175	1,324,286	154	158	121
Forsyth	8,803	10,821	11,749	694	683	637	6,109,282	7,390,743	7,484,113	26	22	19	1,588,413	1,625,963	1,421,981	180	150	121
Franklin	12,932	16,393	19,381	592	655	647	7,655,744	10,737,415	12,539,507	29	22	21	2,220,166	2,362,231	2,633,296	172	144	136
Granville	20,932	22,637	20,907	630	693	623	13,187,160	15,687,441	13,025,061	26	24	21	3,428,662	3,764,986	2,474,762	164	166	118
Guilford	12,701	15,143	17,026	700	686	675	8,890,700	10,388,098	11,492,550	27	24	19	2,400,489	2,493,144	2,183,585	189	165	128
Orange	5,508	6,310	7,751	590	588	655	3,249,720	3,710,280	5,076,905	26	26	21	844,927	964,673	1,068,150	161	153	128
Person	17,965	20,241	20,289	615	712	658	11,048,475	14,411,592	13,350,162	27	26	20	2,983,088	3,747,014	2,670,032	166	185	132
Rockingham	17,048	18,696	19,694	700	671	640	11,933,600	12,545,012	12,604,160	25	23	19	2,983,400	2,885,354	2,394,790	175	154	112
Stokes	18,374	20,478	21,425	672	630	653	12,347,328	12,901,140	13,990,525	23	22	18	2,839,885	2,838,251	2,518,295	155	139	118
Yancey	11,007	14,320	16,111	580	710	632	6,384,060	10,167,200	10,182,152	29	24	20	1,851,377	2,440,128	2,036,430	168	170	126
Warren	5,836	7,928	7,794	590	670	644	3,443,240	5,311,760	5,019,336	24	22	20	826,378	1,168,587	1,003,867	142	147	126
<b>Northern Piedmont (N.)</b>	<b>164,273</b>	<b>186,903</b>	<b>199,897</b>	<b>643</b>	<b>565</b>	<b>645</b>	<b>105,612,861</b>	<b>125,143,404</b>	<b>128,873,401</b>	<b>26</b>	<b>24</b>	<b>20</b>	<b>27,307,674</b>	<b>29,763,511</b>	<b>25,267,951</b>	<b>166</b>	<b>159</b>	<b>126</b>
<b>DISTRICT 5</b>																		
Alexander	1,010	1,408	1,212	750	650	640	757,500	915,200	775,680	24	22	18	18,600	201,344	139,622	184	143	115
Catawba			4,464	720	707	652	1,866,960	2,613,779	2,910,528	26	23	18	485,410	601,169	523,895	187	163	117
Chatham	4,953	4,731	6,309	690	680	680	3,417,570	3,217,080	4,290,120	29	22	19	991,095	707,758	815,123	200	150	129
Davidson	1,071	1,547	1,511	667	700	620	714,357	1,082,900	936,820	25	22	19	178,589	238,238	177,996	167	154	118
Davie	1,360	1,849	1,109	680	683	675	244,800	579,867	486,575	26	22	19	63,648	127,571	142,229	177	150	128
Iredell	1,767	2,801	3,511	700	700	700	1,236,900	1,960,700	2,457,700	27	23	20	333,963	450,961	491,540	189	161	140
Lee	2,847	3,509	4,243	594	682	688	1,691,118	2,393,138	2,819,184	28	23	18	473,513	550,422	525,453	166	157	124
Randolph	52	145	53	700	650	647	36,400	94,250	34,291	27	23	19	9,828	21,678	6,515	189	150	123
Rowan	23,100	30,685	32,708	705	685	646	16,285,500	21,019,225	21,129,368	25	23	20	4,071,375	4,834,422	4,225,874	176	158	130
Wake	37,753	49,372	55,120	695	686	657	26,251,105	33,876,139	36,202,266	25	23	19	6,626,021	7,733,563	7,048,247	176	157	128
<b>Central Piedmont (C.)</b>	<b>22</b>	<b>12</b>	<b>700</b>	<b>695</b>	<b>600</b>	<b>641</b>	<b>15,400</b>	<b>7,200</b>	<b>775,680</b>	<b>25</b>	<b>23</b>	<b>18</b>	<b>3,850</b>	<b>1,656</b>	<b>175</b>	<b>138</b>	<b>115</b>	<b>115</b>
<b>DISTRICT 8</b>																		
Anson																		
Cabarrus																		
Cleveland																		
Gaston	5	2																
Lincoln			12															
Mecklenburg	63	20		650	640		40,950	12,800		24	22		9,828	2,816		1,538		128
Montgomery	802	547	1,030	683	650	644	547,768	355,550	663,320	25	25	19	136,942	88,888	126,031	171	163	122
Moore	3,568	5,167	5,412	675	723	695	2,408,400	3,735,741	3,761,340	27	24	20	650,268	896,578	752,268	182	134	139
Richmond	213	452	1,217	715	718	662	152,295	324,536	805,654	24	23	20	36,551	74,643	161,131	172	165	132
Stanly	1	6																
Union	23	20	32	670	712	641	15,410	14,240	20,512	25	23	20	3,853	3,275	4,102	168	164	128
<b>Southern Piedmont (S.)</b>	<b>4,697</b>	<b>6,226</b>	<b>7,705</b>	<b>677</b>	<b>715</b>	<b>682</b>	<b>3,180,223</b>	<b>4,450,067</b>	<b>5,258,518</b>	<b>26</b>	<b>24</b>	<b>20</b>	<b>841,292</b>	<b>1,067,856</b>	<b>1,045,070</b>	<b>179</b>	<b>172</b>	<b>136</b>
<b>DISTRICT 3</b>																		
Bertie	5,633	7,563	8,691	713	741	724	4,016,329	5,604,183	6,292,284	24	22	22						

SUMMARY OF TOBACCO WAREHOUSE SALES FOR NORTH CAROLINA

COUNTIES AND MARKETS	No. of Houses 1928-1929	SEASON'S PRODUCERS SALES			RESALES		SEASON'S TOTAL SALES			SEASON'S AVERAGE PRICE		
		1926-1927	1927-1928	1928-1929	Dealers	Warehouse	1926-1927	1927-1928	1928-1929	1926-1927	1927-1928	1928-1929
					1928-1929	1928-1929				1926-1927	1927-1928	1928-1929
OLD BRIGHT BELT—TYPE NO. 11												
Alamance:												
Burlington	3	2,618,382	3,172,381	2,117,186	208,698	234,772	2,912,371	3,693,429	2,560,656	22.49	21.52	16.58
Mebane	3	3,769,256	4,450,754	3,922,276	30,888	376,766	4,189,366	4,923,216	4,329,930	28.05	27.94	22.08
Durham:												
Durham	7	16,041,316	22,822,519	22,279,428	1,184,092	1,776,504	18,735,656	26,425,315	25,240,024	26.56	23.81	20.06
Forsyth:												
Winston-Salem	8	43,355,814	55,798,489	48,349,119	3,690,369	2,975,832	49,250,079	64,495,479	55,015,320	23.36	20.18	16.93
Franklin:												
Louisburg	3	3,124,205	4,194,606	2,786,611	128,740	186,526	3,511,013	4,574,920	3,101,877	24.26	21.09	17.31
Granville:												
Oxford	6	13,545,896	20,298,370	16,989,629	680,861	1,240,471	15,445,808	22,687,700	18,910,961	23.40	22.58	18.17
Lee:												
Sanford	2	1,224,396	2,140,138	1,716,282	88,192	187,742	1,334,752	2,339,466	1,992,216	25.99	21.84	16.72
Moore:												
Aberdeen	2	1,926,486	3,370,145	3,995,019	180,961	261,177	2,149,500	3,732,641	4,437,157	26.47	21.75	18.91
Carthage	2	1,726,346	2,260,390	2,182,712		37,036	1,790,552	2,352,590	2,219,748	24.42	23.50	20.06
Person:												
Roxboro	4	5,321,973	6,248,874	4,621,484	315,958	328,798	5,892,841	6,817,063	5,266,240	24.72	25.45	18.55
Rockingham:												
Madison	2	2,006,506	1,813,548	1,281,409	23,974	162,850	2,250,206	1,999,368	1,468,233	18.83	18.93	14.62
Reidsville	4	4,525,221	5,715,942	7,110,965	496,256	328,035	5,009,475	6,476,188	7,935,256	23.59	19.58	17.28
Stoneville	2	1,347,894	2,341,748	2,135,842	4,576	537,106	1,616,385	2,963,089	2,677,524	19.84	18.89	15.29
Surry:												
Elkin	1	1,909,740	1,163,430	760,202	14,798	60,332	2,074,938	1,263,986	835,332	21.95	19.00	15.21
Mt. Airy	3	4,212,890	5,281,252	4,453,684	273,648	618,692	5,029,264	6,283,088	5,346,024	22.48	17.33	14.02
Vance:												
Henderson	5	11,940,513	19,603,568	20,232,962	384,358	1,014,784	12,994,429	20,951,865	21,632,104	24.77	23.52	19.56
Wake:												
Fuquay Springs	4	5,304,346	6,720,480	6,008,401	534,752	510,586	6,046,964	7,495,034	7,053,739	28.87	23.33	21.23
Wendell	2	3,530,158	4,376,942	3,080,830	154,690	195,612	3,783,702	4,731,872	3,431,132	23.60	20.04	17.27
Zebulon	3	2,926,544	3,061,276	2,903,656	45,440	313,526	3,257,862	3,491,332	3,262,622	22.74	19.49	17.07
Warren:												
Warrenton	2	3,441,124	4,234,430	2,849,880	8,334	50,090	3,509,224	4,291,248	2,908,304	22.86	19.70	17.58
<b>Total</b>	<b>68</b>	<b>133,799,006</b>	<b>179,069,282</b>	<b>159,777,577</b>	<b>8,449,585</b>	<b>11,397,237</b>	<b>150,784,387</b>	<b>201,988,889</b>	<b>179,624,399</b>	<b>24.21</b>	<b>21.72</b>	<b>18.15</b>
NEW BRIGHT BELT—TYPE NO. 12												
Beaufort:												
Washington	3	3,702,482	4,774,254	5,862,690	135,832	531,024	4,025,903	5,271,342	6,529,546	26.84	23.98	19.32
Bertie:												
Windsor	2	326,564	1,410,514	1,588,048		220,800	341,640	1,418,374	1,808,848	24.88	21.88	21.17
Craven:												
New Bern	2	2,709,486	2,881,186	3,207,762	13,972	246,178	2,882,742	3,057,300	3,467,912	24.27	21.75	17.15
Duplin:												
Wallace	2	2,206,138	1,582,673	1,753,505	80,939	258,815	2,640,806	1,855,460	2,093,259	22.82	18.03	17.99
Edgecombe:												
Tarboro	3	4,137,812	6,187,942	6,010,097	168,240	374,772	4,426,842	6,663,152	6,553,109	25.91	23.18	18.44
Halifax:												
Enfield	2	2,182,788	3,001,422	2,664,151	24,334	374,613	2,479,056	3,361,494	3,063,098	25.82	20.35	16.99
Hertford:												
Ahokie	2	2,733,888	2,866,162	3,219,576	152,326	124,948	2,890,822	2,965,886	3,496,850	26.20	20.00	19.63
Johnston:												
Smithfield	2	3,088,716	3,648,761	4,913,467	204,684	421,694	3,525,682	4,154,861	5,539,845	24.31	20.02	16.54
Lenoir:												
Kinston	6	29,041,565	34,046,620	35,789,693	2,296,669	1,645,951	32,607,677	38,033,279	39,732,313	25.23	21.35	
Martin:												
Robersonville	3	3,360,610	5,773,220	7,253,116	123,232	417,214	3,509,544	6,196,818	7,793,562	26.91	22.33	18.53
Williamston	3	6,080,999	7,437,442	7,051,898	50,656	281,214	6,449,217	7,983,986	7,383,768	27.09	21.52	19.21
Nash:												
Rocky Mount	7	26,143,572	34,861,983	35,865,638	989,704	1,398,178	28,060,784	37,306,811	38,253,520	25.43	22.08	19.65
Onslow:												
Richlands		758,574	292,898				781,428	314,056		22.23	14.25	
Pitt:												
Farmville	3	13,742,958	18,002,160	19,134,012	714,822	1,135,368	14,485,760	19,334,206	20,984,202	28.08	22.49	20.17
Greenville	9	44,636,306	55,830,664	64,238,186	2,922,540	3,976,523	49,513,184	61,516,896	71,137,249	28.24	23.31	21.06
Wayne:												
Goldsboro	3	5,841,672	3,291,640	6,663,162	310,904	257,914	6,495,785	3,619,160	7,231,980	23.08	20.65	16.94
Wilson:												
Wilson	8	61,825,130	67,874,902	75,561,417	4,704,179	3,598,742	68,921,104	75,837,426	83,864,338	26.86	22.96	20.45
<b>Total</b>	<b>60</b>	<b>†12,776,858</b>	<b>*253,764,443</b>	<b>280,776,418</b>	<b>12,893,033</b>	<b>15,263,948</b>	<b>†234,343,712</b>	<b>*278,890,507</b>	<b>308,933,399</b>	<b>26.57</b>	<b>22.44</b>	<b>20.03</b>
SOUTH CAROLINA BELT—TYPE NO. 13												
Bladen:												
Clarkton	2	1,267,223	2,422,589	1,738,491	168,230	66,792	1,467,049	2,671,851	1,973,513	23.16	18.43	14.25
Columbus:												
Chadbourn	3	1,800,238	2,488,205	2,695,771	86,236	270,866	2,331,518	2,922,875	3,052,873	22.71	19.26	13.02
Fair Bluff	4	2,142,822	3,151,178	3,653,921	131,128	404,110	2,551,122	3,559,603	4,189,159	24.12	20.72	13.66
Tabor	3	1,095,260	1,193,554	1,115,703	52,218	37,514	1,333,890	1,334,344	1,205,435	22.41	20.52	12.74
Whiteville	3	5,260,585	7,695,303	9,014,655	298,517	679,838	6,222,473	8,639,157	9,993,010	24.10	19.56	14.27
Robeson:												
Fairmont	4	9,461,431	15,167,340	16,935,809	725,361	1,075,252	10,878,444	16,871,728	18,736,422	25.47	21.41	15.05
Lumberton	4	3,975,335	5,517,407	8,394,264	441,839	493,532	4,255,471	6,006,682	9,329,635	21.99	20.04	13.13
<b>Total</b>	<b>23</b>	<b>25,002,894</b>	<b>37,635,576</b>	<b>43,548,614</b>	<b>1,903,529</b>	<b>3,027,904</b>	<b>29,039,967</b>	<b>42,006,240</b>	<b>48,480,047</b>	<b>24.11</b>	<b>20.41</b>	<b>14.18</b>
<b>State Totals</b>	<b>151</b>	<b>371,578,758</b>	<b>470,469,301</b>	<b>484,102,609</b>	<b>23,246,147</b>	<b>29,689,089</b>	<b>414,138,066</b>	<b>522,885,636</b>	<b>537,037,845</b>	<b>25.53</b>	<b>22.00</b>	<b>18.78</b>

The following sales, not shown by markets, are included in the New Belt totals above:  
 †Season 1926-27, Producers sales, 257,598, Total sales, 275,736 pounds.



The last priming-picking of tobacco leaves.—Eastern Carolina.

## NORTH CAROLINA AUCTION TOBACCO SALES

Seasons	Number Houses Operating	Producers Sales*	Total Resales	Total Sales	Aver. Price per 100 pounds
1928-1929	151	484,102,609	52,935,236	537,037,845	18.78
1927-1928	149	472,408,338	52,584,104	524,992,442	22.00
1926-1927	146	371,578,758	42,559,308	414,138,066	25.53
1925-1926	120	341,903,795	41,298,621	383,202,416	22.50
1924-1925	120	231,925,764	29,383,004	261,308,768	23.29
1923-1924	111	311,273,439	38,275,598	349,549,037	20.85
1922-1923	86	200,572,891	25,307,537	225,880,428	27.41
1921-1922	177	240,902,496	43,187,742	284,090,238	24.57
1920-1921	204	414,913,917	59,335,831	474,249,748	20.74
1919-1920	191	315,531,242	44,028,404	359,559,646	49.60
1918-1919	163	306,105,759	32,943,438	339,049,197	-----
1917-1918	---	226,403,851	22,629,523	249,033,374	-----
1916-1917	---	175,159,708	19,279,516	194,439,224	-----
1915-1916	---	196,193,009	28,038,823	224,231,832	-----
1914-1915	---	---	---	230,334,444	-----
1913-1914	---	172,386,131	17,257,184	189,643,315	-----
1912-1913	---	133,037,451	11,978,232	145,015,683	-----
1911-1912	---	104,764,402	11,099,005	115,863,407	-----
1910-1911	---	109,848,150	11,235,691	121,083,841	-----

NOTE \*: While these data are reliable for the market sales of the last five years, the farmer's production was about 3% more, due to the Danville, Va. and border markets handling Carolina tobacco. Prior to 1923 the reports were not complete, but represent "reported" sales.

## WHY CROP FORECASTS

It stands to reason that a large crop cannot ordinarily be sold at the same price per unit as a small one. A producer who raises his crop to sell wants to get the best price he can for it. In some years he can get the best price by disposing of it at once; in some years by waiting. It depends on what the crop is and what the usual course of prices is when the crop is large, average, or small. In any event, the sooner he knows, the better able is he to make up his mind concerning the action to take in order to get the best price. That's why the Department of Agriculture issues crop forecasts. The farmer who studies them has a basis for making up his mind even before the crop is harvested.

JOSEPH A. BECKER,  
Vice-Chairman, Crop Reporting Board

## THE VALUE OF STATISTICS TO THE TOBACCO GROWER

The value of statistics to the tobacco grower lies in their ability to tell him where he is as to present supplies, and where he is headed as to future prospects. The captain of every ship on the seven seas "shoots the sun" daily with a sextant to ascertain his exact position, and his compass tells him where he is headed. If he did not rely on these sources of information, but steamed ahead blindfolded, he would sooner or later go on the rocks. The tobacco grower who goes ahead full speed, blinding himself to the statistics on present supply and future prospects, which are his sextant and compass, incurs the risk of "going on the rocks."

Chas. E. Gage, Tobacco Statistician in Charge of Tobacco Section  
Bureau of Agricultural Economics,  
U. S. Department of Agriculture

## TOBACCO

Farmers throughout the flue-cured districts of the United States report an intention to decrease the acreage of flue-cured tobacco by a little more than 3 per cent. there is an over supply of this type; the supply on July 1, 1928, was the greatest on record. Prices during the early part of the marketing season last year were very low, but improved sharply before the season was over. This improvement was in

large part due to exceptionally heavy buying for Chinese interests. It is now reported that large Chinese stocks were built up in anticipation of increases in import duties which did not materialize, and these stocks are likely to depress the exports of flue-cured tobacco to that country in 1929. There is consequently a strong possibility that the total exports of this type in 1929 will be less than those of 1928. In view of the relatively light yield per acre in 1928, the smaller acreage indicated might easily result in a larger crop in 1929.

## NORTH CAROLINA PRODUCERS TOBACCO SALES BY MONTHS (three years).

Years	August	September	October	November	December	Season's Total Producers Sales*
1928	9,983,519	72,859,038	107,403,917	104,032,285	45,213,494	371,578,758
1927	21,886,060	108,684,096	133,620,441	120,977,862	46,625,686	472,408,338
1928	23,090,202	104,990,763	142,564,950	110,082,295	50,503,248	484,102,609

NOTE: The total Producers' Sales include sales for January and February.

## TOBACCO BY TYPES, FOR UNITED STATES

Acreage, Production, and Value, 1927 and 1928

Class and Type	U. S. Type Number	Acreage		Yield per Acre		Production		Aver. Price Per Pound		Farm Value	
		Acres	Acres	lbs.	lbs.	lbs. 1,000	lbs. 1,000	cts.	cts.	Dollars 1,000	Dollars 1,000
Flue Cured Types		1927	1928	1927	1928	1927	1928	1927	1928	1927	1928
Virginia	11	134,300	143,300	693	560	93,100	80,240	20.2	19.5	18,806	15,647
North Carolina	11-13	657,000	727,000	737	651	484,183	493,230	22.0	19.5	106,520	92,280
South Carolina	13	104,000	148,000	737	556	76,648	82,288	20.5	12.7	15,713	10,451
Georgia	14	80,500	121,000	720	685	57,960	82,867	18.9	12.8	10,954	10,607
Florida	14	5,400	7,900	757	609	4,053	4,811	19.0	12.0	770	577
Total—Flue Cured		981,200	1,147,200	730	631	715,944	743,436	21.3	17.9	152,763	129,562
Air Cured Types											
Burley, Virginia	31	2,800	4,000	1,004	1,000	2,811	4,000	23.9	29.0	672	1,160
West Virginia	31	4,500	6,800	775	750	3,488	5,100	24.5	27.0	855	1,377
North Carolina	31	2,000	3,000	750	667	1,500	2,000	22.0	25.0	330	500
Ohio	31	9,000	15,800	850	856	7,307	13,526	24.8	30.0	1,812	4,058
Indiana	31	7,300	11,200	760	820	5,548	9,184	24.0	28.0	1,332	2,572
Missouri	31	4,000	4,000	1,100	1,100	4,400	4,400	22.0	27.0	968	1,188
Kentucky	31	185,700	250,100	701	785	130,109	197,000	26.3	30.0	34,219	59,100
Tennessee	31	30,800	41,000	812	835	25,034	34,259	26.3	29.0	6,584	9,935
Total, Burley		246,100	335,900	732	802	180,197	269,469	26.0	29.6	46,772	79,890
Total Air Cured Types		331,600	437,100	735	788	243,889	344,291	23.2	26.1	56,697	90,021
Total, Dark Fired		149,700	187,800	747	747	111,760	140,324	15.1	13.4	16,865	18,785
Total Filler Types		55,400	63,150	1,155	1,097	63,980	69,252	13.8	15.0	8,338	10,355
Total, Binder		55,650	63,600	1,177	1,316	65,505	83,721	19.0	19.8	12,437	16,590
Total, Wrapper		10,350	12,250	1,008	964	10,431	11,806	87.3	80.1	9,104	9,454
Total, Cigar Types		121,400	139,000	1,153	1,185	139,916	164,779	21.7	22.1	30,379	36,399
Total, All Types		1,584,900	1,912,100	764.7	718.3	1,211,909	1,373,501	21.2	20.0	256,884	274,949

NOTE: 1928 Figures subject to revision on basis of later information.



**COTTON SUPPLY AND DISTRIBUTION  
IN THE UNITED STATES**

YEAR	Stocks* on hand Aug. 1	Ginnings	Net Imports 500 lb. bales	Aggregate supply	Consumption	Exports
	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales	1,000 bales
1905-06	1,935	10,726	133	12,794	4,909	6,763
1906-07	1,349	13,305	203	14,857	4,985	9,503
1907-08	1,515	11,326	141	12,982	4,539	7,573
1908-09	1,236	13,432	165	14,833	5,241	8,574
1909-10	1,484	10,386	151	12,021	4,799	6,339
1910-11	1,040	11,966	231	13,237	4,705	7,781
1911-12	1,375	16,109	229	17,713	5,366	10,682
1912-13	1,777	14,091	225	16,093	5,786	8,801
1913-14	1,511	13,983	266	15,760	5,577	8,655
1914-15	1,366	15,906	264	17,636	5,597	8,323
1915-16	3,936	11,068	421	15,425	6,398	5,896
1916-17	3,140	11,364	288	14,792	6,789	5,303
1917-18	2,720	11,248	217	14,185	6,566	4,288
1918-19	3,450	11,906	197	15,553	5,766	5,592
1919-20	4,287	11,325	683	16,295	6,420	6,545
1920-21	3,563	13,271	211	17,045	4,893	5,673
1921-22	6,590	7,978	352	14,920	5,910	6,184
1922-23	2,832	9,729	450	13,011	6,666	4,823
1923-24	2,325	10,171	272	12,768	5,681	5,656
1924-25	1,556	13,639	303	15,498	6,193	7,997
1925-26	1,610	16,123	314	18,047	6,451	8,050
1926-27	3,543	17,755	382	21,680	7,203	10,923
1927-28	3,762	12,783	321	16,866	6,833	7,540
1928-29	2,536	14,269	340*	17,145	-----	-----

Statistics on this page indicate the remarkable accuracy of the Government Crop Estimates during the past seven years. The December Tobacco estimates have averaged within one per cent of the actual sales, and the December Cotton estimates within three-tenths of one per cent of the actual ginnings. A close check on the rapid increase of the State's big tobacco crop is shown by these figures, which also show the production and stocks on hand at the end of the season.

The Cotton Supply and Distribution table shows also the production of the crop with comparable figures on supply, consumption, exports and imports.

It will be noted that out of the seven government estimates of Cotton three were below the actual ginnings, two above and two practically identical.

Of the Tobacco estimates, four were below the actual sales and three above. The methods used in arriving at these estimates are considered the most practical and accurate of any statistical organization in the world. During the past two or three years these methods have been greatly improved.

It will be noted in reviewing the statistics throughout this publication that frequently summary figures for the State, shown on different

**TOBACCO: SUPPLY AND DISAPPEARANCE  
FLUE-CURED, U. S. TYPE NOS. 11, 12, 13, AND 14.**

1917-1928

BRIGHT FLUE-CURED

Year	Production	*Stocks end of Season	*Total Supply end of Season	Stocks Remaining one year later	Disappear- ance Year Commencing July 1	*Average North Caro- lina Price
	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	c per lb.
1917	358,750	253,436	612,186	292,357	319,829	---
1918	487,060	292,357	779,417	327,277	452,140	---
1919	487,486	327,277	814,763	304,206	510,557	53.0
1920	630,830	304,206	935,036	483,109	451,927	25.3
1921	371,422	483,109	854,531	440,697	413,834	26.0
1922	408,768	440,697	849,465	438,667	410,798	27.6
1923	592,949	438,667	1,031,616	476,626	554,990	21.0
1924	436,801	476,626	913,427	462,311	451,116	25.8
1925	576,258	462,311	1,038,569	455,371	583,198	23.0
1926	564,488	455,371	1,019,859	466,476	553,383	25.0
1927	715,944	466,496	1,182,420	564,989	617,431	23.0
1928	739,763	564,989	1,304,752	-----	-----	19.5

BURLEY

U. S. Type No. 31, 1912-1928

Year	Production	*Stocks end of Season	*Total Supply end of Season	Stocks Remaining one year later	Disappear- ance Year Commencing July 1	*Average North Caro- lina Price
	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	c per lb.
1912	196,080	215,307	411,387	225,199	186,188	11.0
1913	176,776	225,199	401,975	203,672	198,303	12.3
1914	224,664	203,672	428,336	249,804	178,532	8.1
1915	217,338	249,804	467,142	199,321	267,821	9.5
1916	257,050	199,321	456,371	207,594	248,777	15.5
1917	251,520	207,594	459,114	190,137	268,977	26.5
1918	312,000	190,137	502,137	229,891	272,246	32.6
1919	277,650	229,891	507,541	267,789	239,752	24.5
1920	315,259	267,789	583,048	324,351	258,697	13.4
1921	220,849	324,351	545,200	280,856	264,344	22.4
1922	275,601	280,856	526,457	342,885	213,572	25.2
1923	329,504	342,885	672,389	428,332	244,057	21.4
1924	299,200	428,332	727,532	459,087	268,445	21.3
1925	275,146	459,087	734,233	466,037	268,196	19.0
1926	301,015	466,037	767,052	451,251	315,801	13.1
1927	180,197	451,251	631,448	347,827	283,621	26.0
1928	269,469	347,827	617,296	-----	-----	29.5

\* Stocks and Supply: Flue-cured season ends July 1, Burley season ends October 1. Average price flue-cured relates to N. C. and Burley price relates to Burley Belt. Figures shown in thousands (000 omitted).

pages, are not always identical. This apparent discrepancy is due to the fact that each crop summary was secured from a different source. The county summary tables for each crop represent the annual State farm census, compiled by the State Department of Agriculture, while the estimates on pages 4 and 5 represent the Government crop estimates compiled by the Federal Department of Agriculture. A considerable amount of data was obtained from the U. S. Bureau of the Census and various other departments.

**THE RELIABILITY OF STATE CROP ESTIMATES**

Cotton	1922	1923	1924	1925	1926	1927	1928	5 year average
	Bales	Bales	Bales	Bales	Bales	Bales	Bales	
Ginned—Running Bales	879,294	1,053,402	860,147	1,147,340	1,246,754	879,071	866,921	-----
Equivalent—500 lb. Bales	851,937	1,020,139	825,324	1,101,799	1,212,819	860,876	836,474	100.0%
Government Estimates								
September	*	-----	823,000	1,132,000	1,137,000	911,000	970,000	102.9%
October	-----	-----	723,000	1,150,000	1,200,000	845,000	925,000	100.2%
November	*	1,010,000	770,000	1,080,000	1,210,000	845,000	885,000	99.1%
December	852,000	1,020,000	765,000	1,090,000	1,250,000	857,000	840,000	99.7%
December % of Final	100.0%	100.0%	92.7%	98.9%	103.1%	99.7%	100.4%	-----

\*These months not on schedule or stable basis until 1924.

TOBACCO—THOUSANDS (000) OMITTED

Tobacco	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	7 year average
Producers Warehouse Sales Season	265,513	311,273	231,926	341,904	370,820	472,408	484,103	-----
Net—(including 3% sold outside State)	274,513	395,192	274,884	381,091	383,945	485,683	500,000	100.0%
Government Estimates								
September	312,420	355,266	293,429	325,296	360,264	425,431	470,041	94.3%
October	308,610	347,004	277,127	316,963	360,095	417,648	465,465	92.5%
November	299,720	357,000	275,835	326,300	371,580	437,898	464,750	94.0%
December	306,940	386,400	278,320	361,020	393,190	468,460	475,230	99.0%
December % of Final	111.8%	97.8%	101.3%	94.7%	102.4%	98.7%	95.0%	-----

DISTRICT AND COUNTIES	Acreage Planted Acres			Yield Per Acre Pounds			Production Estimated Bales			Price per Pound			Total Value of Crop			Value per acre		
	1926	1927	1928	'26	'27	'28	1926	1927	1928	1926	1927	1928	1926	1927	1928	1926	1927	1928
										c	c	c	\$	\$	\$	\$	\$	\$
DISTRICT 1																		
Alleghany																		
Ashe																		
Avery																		
Caldwell	1,164	625	565	238	236	241	579	309	285	11.6	20.0	18.3	32,136	29,500	24,918	27.61	47.20	44.10
Surry	119	42	8	230	237	228	57	21	4	12.4	19.0	18.8	3,394	1,891	343	28.52	45.02	44.12
Watauga																		
Wilkes	473	281	431	225	231	227	223	136	205	12.3	20.0	18.6	13,090	12,982	18,198	27.67	46.20	42.22
Yadkin	1,727	911	951	250	235	246	903	448	479	10.0	21.0	19.0	43,175	44,958	43,515	25.00	49.35	46.74
Northern Mountain (NW.)	3,483	1,859	1,935	242	235	236	1,762	914	973	10.8	20.4	18.7	91,795	89,331	86,974	26.36	48.05	44.95
DISTRICT 4																		
Buncombe																		
Burke	3,184	1,697	3,860	230	237	242	1,532	841	1,954	11.5	20.1	19.0	84,217	80,840	177,483	26.45	47.64	45.98
Cherokee																		
Clay																		
Graham																		
Haywood																		
Henderson																		
Jackson																		
McDowell	261	24	45	250	242	242	137	122	23	11.0	19.8	18.8	7,178	1,150	2,047	27.50	47.92	45.48
Macon																		
Madison																		
Mitchell																		
Polk	9,016	8,249	11,550	226	250	232	4,263	4,314	5,606	12.0	20.0	18.7	244,514	412,450	501,085	27.13	50.00	43.38
Rutherford	36,797	25,034	37,121	235	254	252	18,090	13,303	19,570	11.6	19.7	18.8	1,003,086	1,252,651	1,758,644	27.26	50.04	47.37
Swain																		
Transylvania																		
Yancey																		
Western Mountain (W.)	49,258	35,004	52,576	233	254	242	24,022	18,580	27,153	11.6	19.6	18.8	1,338,995	1,747,091	2,439,259	27.18	49.91	46.39
DISTRICT 2																		
Alamance	4,353	3,868	4,231	255	263	241	2,322	2,128	2,133	11.2	20.5	18.7	124,322	208,543	190,678	28.56	53.91	45.06
Caswell	1,118	532	257	270	250	233	632	278	125	12.4	20.3	18.6	37,431	26,999	11,125	33.48	50.75	43.28
Durham	5,375	3,116	2,270	275	230	247	3,092	1,499	1,173	11.6	20.5	18.8	171,463	146,919	105,410	31.90	47.15	46.43
Forsyth	1,133	487	1,005	263	238	233	623	242	490	10.0	19.0	19.1	29,798	22,022	44,726	26.30	45.22	44.50
Franklin	49,715	38,957	43,552	250	251	214	26,001	20,457	19,498	11.6	19.0	18.7	1,441,735	1,857,859	1,742,864	29.00	47.69	40.01
Granville	9,709	5,115	4,240	250	255	201	5,078	2,729	1,783	11.6	20.3	18.6	281,561	264,778	158,517	29.00	51.77	37.38
Guilford	1,085	1,187	2,380	251	230	233	570	571	1,160	11.4	20.7	18.6	31,046	56,513	103,144	28.61	47.61	43.33
Orange	5,833	3,624	4,028	270	208	249	3,295	1,577	2,098	11.7	20.1	18.7	184,264	151,512	187,556	31.59	41.46	46.56
Person	1,584	156	34	238	200	233	789	65	17	12.4	20.5	18.7	46,747	6,396	1,481	29.51	41.00	43.55
Rockingham	117	48	23	250	250	234	61	25	11	10.6	20.1	18.7	3,101	2,412	1,006	26.50	50.25	43.73
Stokes	11		23	232	232				11			18.6			992			43.13
Vance	11,665	8,228	10,128	243	246	223	4,907	4,234	4,725	11.8	20.1	18.7	276,780	406,842	423,340	23.73	49.45	41.79
Warren	35,754	31,186	33,716	263	262	242	19,672	17,094	17,070	11.3	19.7	18.8	1,062,573	1,609,634	1,533,943	29.72	51.61	45.49
Northern Piedmont (N.)	127,452	96,504	105,887	251	252	233	67,042	50,899	50,294	11.5	19.6	18.7	3,690,821	4,760,429	4,504,782	28.96	49.33	42.54
DISTRICT 5																		
Alexander	7,805	4,933	4,899	247	239	197	4,033	2,467	2,019	11.5	19.5	18.7	221,701	229,902	180,474	28.40	46.60	36.84
Catawba	24,150	19,373	22,597	243	234	239	12,277	9,484	11,299	11.8	19.7	19.1	692,477	893,057	1,031,530	24.67	46.10	45.65
Chatham	20,416	15,073	18,757	262	231	203	11,190	7,284	7,966	11.4	19.9	18.8	609,785	692,891	715,842	29.87	45.97	38.16
Davidson	7,811	5,020	5,403	288	241	221	4,706	2,531	2,498	11.5	19.8	18.7	258,700	239,544	223,290	33.12	47.42	41.33
Davie	9,916	7,140	8,564	248	237	207	5,145	3,540	3,709	11.7	19.4	18.8	286,670	328,283	333,277	28.91	45.98	38.92
Iredell	49,452	38,442	41,870	275	238	216	28,450	19,141	18,920	11.5	20.0	18.7	1,563,920	1,829,839	1,691,213	31.63	47.60	40.39
Lee	14,850	12,605	13,318	298	228	233	9,258	6,012	6,492	11.6	19.4	19.2	513,355	557,544	595,794	34.57	44.23	44.74
Randolph	5,661	3,504	4,925	278	236	224	3,292	1,730	2,308	11.4	20.0	18.6	179,408	165,389	205,195	31.69	47.20	41.66
Rowan	37,806	26,613	33,227	289	257	219	22,857	14,309	15,223	11.7	20.2	19.1	1,278,334	1,381,587	1,389,852	33.81	51.91	41.83
Wake	65,819	53,219	57,603	286	231	186	39,381	25,719	22,025	11.5	19.8	18.7	2,164,787	2,434,131	1,968,766	32.89	45.74	34.18
Central Piedmont (C.)	243,686	185,922	211,163	276	237	214	140,589	92,217	92,459	11.5	19.9	18.8	7,769,117	8,527,167	8,335,233	31.88	47.37	39.47
DISTRICT 8																		
Anson	55,530	53,897	56,500	280	220	196	32,528	24,806	23,167	12.4	19.7	18.8	1,928,002	2,336,093	2,081,912	34.72	43.34	36.85
Cabarrus	29,788	29,784	28,296	298	217	225	18,571	13,521	13,319	12.0	19.8	19.0	1,065,219	1,279,699	1,209,654	35.76	42.97	42.75
Cleveland	65,645	65,376	75,049	290	283	273	39,826	38,706	42,863	11.7	19.6	19.0	2,227,335	3,626,276	3,892,792	33.93	55.47	51.87
Gaston	28,389	27,639	32,335	263	242	254	15,620	13,993	17,182	12.0	20.5	18.8	895,957	1,371,171	1,544,061	31.56	49.41	47.35
Lincoln	40,894	28,623	25,473	265	228	252	22,671	13,653	13,429	11.8	20.1	18.8	1,278,755	1,311,735	1,206,809	31.27	45.83	47.38
Mecklenburg	64,147	58,141	65,668	258	242	236	34,623	29,435	32,422	11.8	20.0	19.0	1,952,891	2,814,024	2,868,553	30.44	48.40	43.68
Montgomery	11,699	13,695	11,814	278	248	218	6,804	7,105	5,388	11.6	19.8	18.8	377,269	672,479	484,185	32.25	49.10	40.98
Moore	14,448	11,001	11,812	280	259	187	8,463	5,961	4,621	11.4	19.7	19.0	461,180	561,304	419,870	31.92	51.02	35.55
Richmond	45,190	40,125	52,974	293	198	201	27,700	16,621	22,276	11.0	18.8	18.6	1,456,474	1,493,613	1,980,486	32.23	37.22	37.39
Stanly	18,679	18,180	20,270	296	237	231	11,567	9,014	9,796	12.3	19.8	18.8	680,065	853,115	880,286	36.46	46.93	43.43
Union	66,420	71,189	67,385	260	213	197	36,128	31,722	27,772	12.6	21.3	18.9	2,175,919	3,229,774	2,508,946	32.76	45.37	37.23
Southern Piedmont (S.)	440,829	417,650	447,576	276	234	208	254,501	204,537	212,235	11.9	20.0	18.9	14,499,066	19,549,283	19,077,554	32.89	46.81	42.62
DISTRICT 3																		
Bertie	23,159	18,482	18,690	294	275	233	14											

COTTON GINNED TO SPECIFIED DATES AND TOTAL FOR THE SEASON, RUNNING BALES BY COUNTIES:  
CROPS OF 1926, 1927, 1928

COUNTIES	October 1		November 1		December 1		January 16			Final Season			Number active gins
	1927	1928	1927	1928	1927	1928	1927	1928	1929	1926	1927	1928	
Alamance	45		520	651	1,134	1,431	2,442	1,617	2,078	2,726	1,763	2,196	11
Anson	11,389	3,930	21,471	16,223	26,357	21,030	32,673	27,656	22,599	33,503	27,987	22,900	46
Beaufort	546	217	4,528	4,868	4,506	7,786	10,785	7,126	8,652	11,553	7,288	9,020	13
Bertie	441	408	3,687	4,549	7,488	8,496	13,695	9,406	10,610	15,079	9,959	11,098	33
Bladen	2,171	702	5,395	4,284	6,209	5,558	11,100	6,344	5,811	11,234	6,367	5,825	9
Cabarrus	2,252	613	7,546	6,204	11,214	9,883	17,607	12,212	11,617	19,076	12,342	11,963	24
Camden		150	1,281	1,992	2,236	2,590	4,550	2,401	2,724	4,716	2,404	2,788	7
Catawba	425	165	3,950	5,083	8,407	9,919	14,642	9,917	12,492	15,566	10,375	13,308	19
Chatham	557	80	3,926	2,956	6,566	5,440	9,428	7,530	6,681	10,190	7,741	6,759	32
Chowan	518	493	3,145	3,359	4,563	4,760	7,634	5,001	5,253	7,810	5,068	5,289	7
Cleveland	9,992	2,937	32,524	28,537	44,568	45,343	43,442	47,523	51,416	47,550	48,699	53,634	39
Columbus	269		1,255	395	1,665	710	2,138	1,719	814	2,150	1,719	826	5
Craven	239	175	923	1,389	1,220	2,034	3,346	1,358	2,305	3,531	1,486	2,376	4
Cumberland	7,438	3,119	14,634	13,582	16,688	16,236	30,907	17,050	16,781	31,327	17,085	16,848	31
Davidson			421	430	1,282	1,326	2,967	1,708	1,947	2,943	1,845	2,041	10
Davie	113	35	1,589	1,549	3,169	3,305	4,845	4,013	4,482	5,835	4,391	4,869	9
Duplin	2,735	814	7,216	5,568	9,005	6,862	15,507	9,315	7,256	15,776	9,560	7,317	16
Durham			411	393	856	773	1,737	1,102	1,027	2,408	1,242	1,064	10
Edgecombe	2,133	853	13,748	13,248	22,419	21,403	36,338	25,475	24,677	40,384	26,358	25,370	60
Franklin	646	802	8,292	11,071	16,231	17,212	24,557	18,676	19,590	28,884	19,303	20,006	30
Gaston	2,023	470	7,553	6,330	10,942	10,491	12,267	12,105	12,871	13,612	12,459	13,272	17
Gates			2,122	2,844	3,898	4,429	6,250	4,718	5,033	6,468	4,858	5,131	11
Granville			252	427	621	808	2,548	873	1,006	3,057	931	1,052	6
Greene	1,163	94	5,315	2,838	7,405	5,216	12,883	8,122	6,809	14,003	8,275	7,044	11
Halifax	1,175	1,169	16,263	19,664	32,101	33,826	45,550	37,724	41,256	55,098	39,413	43,795	61
Harnett	15,308	4,777	29,930	25,089	34,473	29,752	49,430	35,139	33,264	50,380	35,811	33,414	31
Hertford	79	169	1,818	2,269	4,304	4,556	8,053	5,394	5,902	9,062	5,864	6,139	13
Hoke	7,289	2,852	12,024	10,510	13,440	13,694	17,467	13,513	14,156	17,566	13,527	14,188	15
Iredell	1,040	294	7,650	7,037	13,770	13,463	21,412	16,122	17,472	23,673	16,955	18,431	18
Johnston	13,023	2,923	36,659	27,401	48,356	37,641	70,838	50,843	40,792	73,143	51,274	41,223	74
Jones	229	103	1,207	1,113	1,745	1,463	2,780	1,867	1,578	2,865	1,937	1,590	7
Lee	1,674	466	5,695	4,662	7,957	7,568	11,330	8,685	8,240	12,147	8,752	8,332	12
Lenoir	2,396	463	6,905	6,014	8,938	8,743	15,140	9,708	10,004	16,115	9,787	10,200	20
Lincoln	1,724	793	7,498	7,712	11,390	12,919	15,681	12,369	15,216	16,555	12,707	15,567	24
Martin	217	84	2,157	2,323	3,905	4,141	6,811	4,880	5,077	7,898	5,023	5,213	8
Mecklenburg	4,290	967	14,239	11,384	20,308	17,548	28,392	22,174	20,491	32,166	22,745	21,060	25
Montgomery	983	441	3,341	3,591	5,126	5,461	8,634	5,657	6,298	9,307	5,825	6,371	17
Moore	1,328	281	3,922	3,023	5,313	4,621	9,653	5,705	5,054	10,054	5,768	5,100	16
Nash	4,110	945	23,364	20,407	36,107	31,963	48,613	39,806	37,706	57,391	40,794	38,937	44
Northampton	1,124	1,877	11,803	16,041	24,262	26,952	32,650	28,310	32,452	39,234	29,603	33,853	34
Onslow	145		695	702	1,086	1,270	2,835	1,234	1,502	2,947	1,262	1,571	6
Orange			551	563	1,184	1,204	1,704	1,503	1,696	2,272	1,648	1,758	10
Pamlico	182		735	1,385	979	1,767	1,795	1,068	1,816	1,964	1,078	1,824	6
Pasquotank			985	1,242	1,839	1,979	4,101	2,122	2,296	4,434	2,222	2,344	4
Pender			430		781		2,024			2,970	892		
Perquimans	306	428	2,983	4,259	4,576	5,932	9,220	5,181	6,339	9,484	5,556	6,386	7
Pitt	2,136	343	11,843	7,745	16,970	13,660	28,168	19,216	17,062	30,707	19,641	17,579	27
Polk	193		1,497	1,549	2,440	2,909	2,139	2,825	3,656	2,561	3,013	3,936	4
Randolph			505	393	1,121	1,256	2,088	1,437	1,628	2,279	1,540	1,724	9
Richmond	6,415	2,251	12,343	10,372	14,454	13,060	23,385	14,838	13,487	23,984	14,886	13,541	47
Robeson	17,236	5,338	34,641	28,213	39,545	36,945	68,413	40,098	38,571	69,040	40,210	38,672	66
Rowan	1,092	287	5,999	6,005	10,853	11,075	16,397	12,588	14,339	18,264	13,279	15,092	27
Rutherford	1,796	824	7,713	8,811	11,538	13,936	11,511	13,143	17,034	12,873	13,762	17,758	19
Sampson	9,820	3,432	23,457	17,920	28,129	22,001	41,611	29,070	23,283	42,417	29,213	23,468	50
Scotland	12,706	4,607	21,527	16,965	25,141	21,562	35,875	25,433	22,209	36,344	25,450	22,252	25
Stanly	1,537	957	6,128	6,618	9,509	9,715	14,493	10,596	11,394	15,072	10,716	11,498	16
Union	6,618	2,628	23,586	20,681	32,187	28,347	34,029	34,462	30,865	37,310	34,909	31,470	36
Vance	83		1,577	2,922	3,797	4,992	6,598	4,855	5,846	7,813	5,252	6,020	7
Wake	4,796	1,785	18,496	17,537	26,950	24,452	40,172	29,620	27,429	45,504	30,152	27,954	79
Warren	179	358	5,367	8,632	11,578	14,639	15,356	13,615	17,248	18,151	14,519	17,607	21
Washington	37	59	572	1,147	898	1,534	1,183	1,100	1,762	1,263	1,144	1,796	8
Wayne	5,857	1,144	17,349	13,232	24,146	19,088	38,289	25,657	21,135	39,590	25,970	21,549	49
Wilson	5,102	605	16,484	11,199	22,366	17,065	29,893	23,530	19,716	31,660	23,741	19,964	28
All Others	269	365	1,192	2,024	2,995	4,425	5,481	4,557	5,497	6,416	4,242	5,749	25
North Carolina	177,589	60,072	552,834	497,126	787,208	740,165	1,153,078	858,638	845,299	1,246,754	879,677	866,921	1,455
Alabama	783,209	335,754	1,085,807	817,264	1,155,558	1,024,492	1,454,652	1,169,121	1,087,455	1,470,404	1,173,430	1,096,030	1,341
Arkansas	281,880	362,211	668,968	761,208	853,624	1,020,401	1,405,126	939,749	1,156,204	1,513,382	979,481	1,208,467	1,248
Georgia	744,264	308,889	1,009,013	783,291	1,083,402	970,799	1,433,151	1,103,156	1,037,933	1,498,473	1,111,399	1,051,985	1,641
Louisiana	342,135	370,727	476,102	586,561	525,416	664,104	811,643	539,717	682,507	826,179	543,153	685,036	685
Mississippi	707,557	561,692	1,112,120	1,097,729	1,280,173	1,347,236	1,732,746	1,328,214	1,428,959	1,857,525	1,346,489	1,459,165	1,384
Missouri	6,354	13,575	44,022	49,229	78,899	94,610	199,497	105,055	134,939	215,769	116,024	145,078	139
Oklahoma	155,727	268,127	620,203	753,599	867,537	949,962	1,508,860	979,257	1,152,397	1,760,644	1,009,626	1,185,802	924
South Carolina	333,853	120,954	598,649	513,765	701,175	682,099	953,777	729,883	731,676	1,025,991	738,550	742,870	1,518
Tennessee	62,849	64,757	220,291	218,549	300,126	329,575	418,874	340,377	404,796	442,052	355,975	421,489	454
Texas	2,300,530	2,429,043	3,392,707	3,866,152	3,881,410	4,402,693	5,171,443	4,131,248	4,807,052	5,477,788	4,229,367	4,937,455	3,710
Virginia	189	966	9,919	20,729	23,683	36,624	45,054	28,474	42,518	51,891	30,705	44,512	133
Others	48,603	63,995	130,211	195,733	200,127	298,858	328,174	248,558	380,293	368,218	269,236	424,503	213
United States	5,944,739	4,961,032	9,920,846	10,160,997	11,738,338	12,561,618	16,616,075	12,501,447	13,891,857	17,755,070	12,783,112	14,269,313	14,845



Beaufort County—Terra Ceia drainage District cotton field.

## CROP FORECASTING METHODS

### 1. "Condition" percentages by voluntary crop reporters.

The farmer thinks of his crop in relationship to a normal or "full crop promise." When he reports a 75 percent condition, he means that the yield prospect at the time of the report is three-fourths of the yield that he would expect under favorable conditions. An abnormal crop would be reckoned as above 100 percent. The "normal" relates to a full crop promise and not to an average condition. Records of yields for many years are compared with the conditions reported for those years. The indicated 100 percent condition gives a Par yield. Current conditions reported applied to the par or "full crop" yield gives the current probable yield. This multiplied by the estimated acreage gives the forecasted production. This does not imply that the final yield or production will be this figure, but that it is probable as based on the present or current conditions.

### 2. The Law of Averages in Crop Reports.

A tax lister said that he could give better crop acreage reports than the farmers themselves could. We do not agree with him. While individual farmers do not know their absolute crop acreages, the average for the community or township, and especially the county, will be remarkably dependable. This is due to the law of averages which brings into account the low and high variations or departures. These might be called pessimists and optimists, but mostly the variation is due to inaccurate approximation, which is counterbalanced with many estimates. This is illustrated by several rifle shots at a target. The center of all shots may be nearer the tree center than any one shot. Several farmers in estimating a given field may not in any case come nearer than half an acre of its exact size. The average of all estimates will probably be even closer than that.

### 3. Estimating is Not Guessing.

A "guess" is made without any good grounds for reckoning. It is a mere opinion. An "estimate" must be based on certain known factors or features, which, judged by previous experience, indicate certain results. For instance, we say that the corn crop is 80 percent of a normal or a full crop growth. Being acquainted with what corn growth should be at this season, one may easily estimate the present condition. Naturally the moisture, cultivation, fertility and weather conditions are taken into consideration. A farmer estimated his pig crop prospect in the same way. He estimates the effects of weather conditions, based on past experiences. Estimating is a science.

### 4. A trend is a Group of Figures or an Illustration Which Indicates the Change and Course of Prices, Production, or Other Factors.

On page 34 is shown a tabulation of Price Trends and Index Numbers of Prices which farmers should understand and learn to study carefully. It is because manufacturers study the trends of their needs and products that enables them to buy at "low" periods or prices and to sell when the "curve" or trend is high, thus permitting maximum savings aside from the cost of production. This, too, they consider essential. Other yearly trend information is shown in most of the tables of this publication.

## STATISTICAL METHODS

Isn't it true that the chemist, physicist, astronomer, engineer or doctor who announces new findings in his field of work is regarded with admiration and honor. But let an agriculturist make such an announcement and many farmers will simply regard him as another theorist or "bookist." Let's prove it right here.

Five years ago a statistician was regarded as an accountant or mathematician. Yet only this month in a conversation with the Head Professor of Mathematics of a leading college, he admitted that such terms as multiple correlation, coefficient of variability, summation, ratio relative, identical sampling, weighted averages, pars, weights, means, mean deviation, probable error, array, spread, class intervals, residuals, curvilinear correlation, and such terms were largely an unknown language to him.

Now if agricultural statisticians, by the use of advanced statistical methods have proven the practicability of applying such to crop forecasting and determinations, isn't it about time to recognize their work as real science? In any estimating work the chance of error is admitted, but by extensive and intensive recent endeavors, methods have been devised to largely eliminate errors.

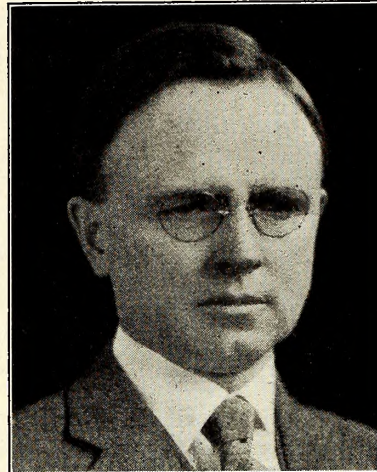
If the government can estimate the cotton and tobacco crops as accurately as it has for the past five years, then it is time to realize that they must have some truly scientific methods of a higher order. Only in 1928 was it definitely decided that the rainfall data of given months would by correlation methods give more reliable Irish Potato and peanut yields (1929) than any other source of information.

Crop meters are used to get at thousands of miles of acreage samples in each State each year. Boll counts and analysis are essential for cotton forecasts. Rural Carrier surveys are used to get average farm samples. The old style of crop condition estimates has largely taken a back seat. Today's methods are quite different from three years ago and three years hence improvements will be ever greater in this Agricultural Economics field.

## STATISTICS INDISPENSIBLE TO SUCCESSFUL BUSINESS

by

W. F. CALLANDER,  
Chairman,  
Crop Reporting Board



The extent to which industrial organizations have come to depend on statistical information is amazing. Many firms pay out large sums of money yearly to private statistical services for statistical information. The United States Department of Commerce also furnishes them a vast amount of information concerning production, stocks, shipments, unfilled orders, etc. Farming is becoming more and more specialized and

the successful farmers are constantly studying the Government reports on production and stocks, as well as the many other facts given out, which they feel are necessary in planning their farm programs. It will not be long before the majority of farmers will come to realize the importance of statistical and economic information and use it in the development of their farm business.

## REFERENCE NOTES. SEE PAGE 21

- (1) Temperature and rainfall data were secured from Official Weather Bureau Reports for 1928.
- (2) Precipitation figures based on reports from 91 stations. Counties without stations were approximated with the nearest points as a basis. The Departure represents the departure during 1928 from the estimated normal.
- (3) This information was supplied by Prof. C. B. Williams of State College. Further information as to these soils may be secured from him.
- (4) Elevation data was taken from Bulletin No. 27 "Altitudes in North Carolina," published in 1917 by the Geological Survey. These figures show the highest, lowest, and resulting averages of 2912 points actually measured. As only those stations actually measured are shown, these figures do not necessarily represent the highest or lowest elevations.
- (5) This information is based on the 1928 Farm Census Acreage data reported to the Tax Listers by 179,000 farm owners. (Crops arranged in order of their importance.)
- (6) Data taken from United States Census for 1920. As the Federal Census includes towns of less than 2500 as rural population, the actual farm population is not shown.
- (7) Tax rate per one hundred dollars of assessed valuation. Data taken from 1928 report of State Tax Commission. This does not include special district or city school taxes.



Tobacco shed scene, Craven County—tying "sticks" for barn.

DISTRICT AND COUNTIES	Acreage, Planted			Yield per Acre Bushel			Production Estimated Bushels			Price per Bushel			Total Value of Crop			Value per acre		
	1926	1927	1928	'26	'27	'28	1926	1927	1928	1926	1927	1928	1926	1927	1928	1926	1927	1928
<b>DISTRICT 1</b>																		
Alleghany	8,237	6,303	7,524	27	24	21	222,399	151,272	158,004	.97	1.08	1.28	\$ 215,727	\$ 163,374	\$ 202,245	26.19	25.92	26.87
Ashe	16,616	14,700	16,810	28	26	22	465,248	382,200	369,820	1.15	1.06	1.21	535,035	405,132	447,482	32.20	27.56	26.61
Avery	4,220	4,522	5,051	23	22	19	97,060	99,484	95,969	1.07	1.10	1.25	103,854	109,432	119,961	24.61	24.20	23.74
Caldwell	18,879	20,067	19,166	22	25	18	415,338	501,675	344,988	.82	.96	1.12	340,577	481,608	386,387	18.24	24.00	20.16
Surry	35,739	34,619	29,583	23	22	18	821,997	761,618	532,494	.85	.96	1.17	698,697	731,153	623,018	19.55	21.12	21.06
Watauga	9,319	8,499	8,499	27	23	17	251,613	195,477	144,483	1.00	1.03	1.27	251,613	201,341	183,493	27.00	23.69	21.58
Wilkes	42,085	37,735	37,570	24	21	20	1,010,040	792,435	751,400	.85	.98	1.15	853,534	776,586	864,110	20.40	20.58	23.00
Yadkin	22,808	20,860	21,963	22	23	19	501,776	479,370	417,297	.81	1.00	1.25	406,439	479,780	521,621	17.82	23.00	23.75
Northern Mountain (NW.)	157,903	147,305	146,166	24	23	19	3,785,471	3,363,941	2,814,455	.90	1.00	1.19	3,410,476	3,348,406	3,348,317	27.93	22.73	22.91
<b>DISTRICT 4</b>																		
Buncombe	24,078	26,005	25,411	25	26	20	601,950	676,130	508,220	.96	.91	1.10	577,872	615,278	559,042	24.00	23.66	22.00
Burke	18,747	21,054	21,554	23	24	19	468,675	505,296	409,526	.86	.81	1.19	403,061	409,290	487,336	21.50	19.44	22.61
Cherokee	20,160	20,601	22,612	21	22	17	504,000	453,222	384,404	.86	.85	1.11	433,440	385,239	426,688	21.50	18.70	18.87
Clay	8,528	8,932	10,050	23	21	17	196,144	187,572	170,850	.84	.89	1.14	164,761	166,939	194,769	19.32	18.69	19.38
Graham	5,663	5,655	5,645	22	22	19	124,586	124,410	107,255	1.07	.93	1.17	133,307	115,701	125,488	23.54	20.46	22.23
Haywood	14,332	14,332	13,716	24	26	20	343,968	372,632	274,320	.97	.97	1.04	333,649	361,453	360,287	23.28	25.22	20.80
Henderson	16,825	20,471	18,557	27	24	18	454,275	491,304	334,026	.83	.92	1.04	377,048	452,000	347,387	22.41	22.08	18.72
Jackson	13,601	13,365	12,906	24	25	18	326,424	334,125	232,308	1.00	.90	1.12	326,424	300,713	360,185	24.00	22.50	20.16
McDowell	12,447	11,709	13,557	23	24	21	286,281	281,016	284,697	.95	.93	1.15	271,967	242,745	327,402	21.85	20.73	24.15
Macon	14,601	14,058	16,481	20	22	19	292,020	309,276	313,139	.95	.89	1.11	277,419	275,256	347,584	19.00	19.58	21.09
Madison	17,954	16,387	18,491	26	24	18	466,804	393,288	332,832	.89	.92	1.16	415,456	361,825	386,085	23.14	22.08	20.88
Mitchell	7,937	6,558	7,712	28	24	17	222,236	157,392	131,104	1.11	1.10	1.23	246,682	173,131	161,258	31.08	26.40	20.91
Folk	12,088	12,028	11,924	20	23	15	241,760	276,644	178,860	.92	1.02	1.21	222,419	282,177	216,421	18.40	23.46	18.15
Rutherford	34,365	30,175	34,732	20	21	16	687,300	633,675	555,712	.79	.92	1.21	542,967	582,981	672,412	15.80	17.57	19.36
Swain	9,972	9,670	5,757	25	25	18	249,300	241,750	103,626	.92	.98	1.15	229,356	236,915	119,170	22.30	24.50	20.70
Transylvania	8,209	8,518	9,144	25	25	18	205,225	212,950	164,592	.95	.96	1.12	194,964	204,432	184,343	23.75	24.00	20.16
Yancey	11,517	12,077	12,183	27	25	21	301,959	301,925	255,843	.92	1.00	1.20	286,882	301,925	307,012	24.84	25.00	25.20
Western Mountain (W.)	251,024	251,595	260,432	24	24	18	5,981,907	5,952,607	4,741,314	.91	.92	1.14	5,436,874	5,468,000	5,407,875	21.66	21.73	20.77
<b>DISTRICT 2</b>																		
Alamance	29,471	28,611	27,452	23	23	17	677,833	658,053	466,684	.90	.85	1.05	610,050	559,345	490,018	20.70	19.55	17.85
Caswell	18,650	17,548	20,180	20	23	19	373,000	403,604	383,420	.95	.94	1.12	354,350	379,388	429,430	19.00	21.62	21.28
Durham	16,474	15,817	16,382	21	23	17	345,954	363,791	278,494	1.00	1.00	1.02	345,954	363,791	284,064	21.00	23.00	17.34
Forsyth	20,347	20,765	22,202	24	26	21	488,328	539,890	466,242	.88	.96	1.02	429,729	518,294	475,567	21.12	24.96	21.42
Franklin	31,943	32,075	31,524	17	20	19	543,031	641,500	598,956	1.06	1.00	1.08	575,613	641,500	646,872	18.02	19.59	20.52
Granville	29,714	29,053	24,919	19	20	18	564,566	581,060	448,542	1.08	1.08	1.05	609,731	627,545	470,969	20.52	21.60	18.90
Guilford	38,143	38,229	37,634	23	23	21	877,289	879,267	790,314	.85	.91	1.11	745,696	800,133	877,249	19.55	20.93	23.31
Lee	22,152	23,497	23,652	22	22	17	487,344	516,934	402,084	.91	.89	1.03	443,483	460,071	414,146	20.02	19.58	17.51
Person	24,140	24,861	24,525	21	22	17	506,940	546,942	416,925	.82	.91	1.08	415,691	497,717	509,279	17.22	20.02	18.36
Rockingham	26,206	24,499	25,572	21	22	23	550,326	538,978	588,156	1.04	.98	1.24	572,339	528,198	729,313	21.84	21.56	28.52
Stokes	23,204	21,722	22,707	22	23	22	510,488	499,606	499,554	.88	.98	1.23	449,229	489,614	614,451	19.36	22.54	27.06
Vance	15,127	14,287	14,370	18	20	17	272,286	285,740	244,290	1.00	1.05	1.10	272,286	300,027	268,719	18.00	21.00	18.70
Warren	27,214	25,317	23,536	18	19	16	489,852	481,023	376,576	1.11	1.05	1.15	494,751	505,074	433,062	18.18	19.93	18.40
Northern Piedmont (N.)	322,785	316,281	314,655	21	22	19	6,687,237	6,936,368	5,960,237	.94	.96	1.10	6,318,902	6,670,697	6,584,139	19.58	21.09	20.92
<b>DISTRICT 5</b>																		
Alexander	16,427	14,457	12,355	22	19	16	361,394	274,683	197,680	.74	.83	1.16	267,432	227,987	229,309	16.28	15.77	18.56
Catawba	22,624	23,357	23,028	21	21	18	475,104	490,497	414,504	.76	.89	1.26	361,079	436,542	522,275	11.54	18.69	22.68
Chatham	38,396	37,490	37,350	20	21	15	767,920	787,290	560,250	.81	.89	1.14	622,015	700,688	638,685	16.20	18.69	17.10
Davidson	25,214	24,127	32,785	23	24	21	579,922	579,048	688,485	.76	.86	1.13	440,741	497,981	777,988	17.48	20.64	23.73
Davie	15,403	14,775	14,759	22	24	14	338,866	354,600	260,626	.74	.87	1.19	250,761	308,502	245,885	16.28	20.88	16.66
Iredell	41,756	39,363	35,620	21	21	16	876,876	826,623	569,920	.77	.81	1.21	675,195	669,565	689,603	16.17	17.01	19.36
Lee	12,757	12,718	13,776	20	19	17	255,140	241,642	234,192	.94	.97	1.09	239,832	234,393	255,269	18.80	18.43	18.53
Randolph	38,150	37,866	31,477	23	23	19	877,450	870,918	598,063	.81	.87	1.15	710,735	757,699	687,772	18.63	20.01	21.85
Rowan	27,520	29,795	29,835	25	25	20	688,000	744,875	596,700	.75	.89	1.15	516,000	662,939	686,205	18.75	22.25	23.00
Wake	46,885	49,025	49,046	18	21	18	843,930	1,029,525	882,828	1.08	1.03	1.01	911,444	1,060,411	891,656	19.44	21.63	18.18
Central Piedmont (C.)	285,132	282,973	280,031	21	22	18	6,064,602	6,199,701	4,949,248	.82	.90	1.14	4,995,234	5,556,707	5,624,647	17.52	19.64	20.09
<b>DISTRICT 8</b>																		
Anson	28,552	28,321	26,884	19	22	13	542,488	623,062	349,492	.87	.90	1.11	471,965	560,756	437,886	16.53	19.80	16.29
Cabarrus	25,429	24,134	23,534	22	22	13	559,438	530,948	305,942	.81	.90	1.13	453,145	477,853	345,714	17.82	19.80	14.69
Cleveland	37,445	38,182	35,788	21	21	18	786,345	801,822	644,184	.76	.97	1.13	597,622	777,767	727,928	15.96	20.38	

WHEAT

DISTRICT AND COUNTIES	Acreage Planted			Yield per Acre Bushels			Production Estimated Bushels			Price per Bushel			Total Value of crop			Value per Acre			
	1926	1927	1928	'26	'27	'28	1926	1927	1928	1926	1927	1928	1926	1927	1928	1926	1927	1928	
<b>DISTRICT 1</b>																			
Alleghany	3,281	2,478	887	14	11	12	45,934	27,258	10,644	1.33	1.43	1.61	61,092	38,979	17,137	18.62	15.73	19.32	
Ashe	3,455	5,866	3,100	14	11	12	48,370	64,526	37,200	1.43	1.48	1.59	69,171	95,498	59,148	20.02	16.28	19.08	
Avery	532	571	620	14	10	13	7,448	5,710	8,060	1.47	1.33	1.50	10,949	7,594	12,090	20.58	13.30	19.50	
Caldwell	8,109	10,140	7,522	14	10	11	113,526	101,400	82,742	1.49	1.54	1.56	169,154	156,156	129,078	20.86	15.40	17.16	
Surry	16,607	14,313	10,768	15	9	12	249,105	128,817	129,216	1.39	1.46	1.53	346,256	188,073	197,700	20.85	13.14	18.36	
Watauga	2,005	1,483	1,483	12	12	14	24,060	17,796	20,762	1.51	1.55	1.65	36,331	27,584	34,257	18.12	18.60	23.10	
Wilkes	16,262	14,783	14,680	13	10	11	211,406	147,830	161,480	1.33	1.43	1.47	281,170	211,397	237,376	17.29	14.30	16.17	
Yadkin	13,227	14,948	14,148	12	10	11	158,724	149,480	155,628	1.40	1.50	1.55	222,214	224,220	241,222	16.80	15.00	17.05	
<b>Northern Mountain (N.W.)</b>	<b>63,478</b>	<b>64,582</b>	<b>53,208</b>	<b>14</b>	<b>10</b>	<b>12</b>	<b>858,573</b>	<b>642,817</b>	<b>605,732</b>	<b>1.39</b>	<b>1.48</b>	<b>1.56</b>	<b>1,496,337</b>	<b>949,501</b>	<b>928,009</b>	<b>18.85</b>	<b>14.70</b>	<b>17.44</b>	
<b>DISTRICT 4</b>																			
Buncombe	6,029	7,562	5,805	15	11	13	90,435	83,182	75,465	1.37	1.34	1.43	123,896	111,464	107,915	20.55	14.74	18.59	
Burke	9,347	11,632	11,444	14	9	12	130,858	104,688	137,328	1.41	1.49	1.51	184,510	155,985	207,365	19.74	13.41	18.12	
Cherokee	581	767	582	12	9	10	6,972	6,903	5,820	1.33	1.39	1.45	9,273	9,595	8,439	15.96	12.51	14.50	
Clay	3,449	3,514	3,147	13	9	9	44,837	31,626	28,328	1.27	1.46	1.54	56,943	46,174	43,625	16.51	13.14	13.86	
Graham	113						1,356			1.39			1,885			16.68			
Haywood	5,283	5,283	2,972	16	9	12	84,528	47,547	35,664	1.37	1.44	1.48	115,803	68,468	52,783	21.92	12.96	17.76	
Henderson	1,165	1,049	1,255	15	12	11	17,475	12,588	13,805	1.43	1.48	1.50	24,989	19,630	20,708	21.45	17.76	16.50	
Jackson	2,600	2,756	1,753	13	7	11	33,800	19,292	19,283	1.38	1.55	1.50	46,644	29,903	28,925	17.94	10.85	16.50	
McDowell	4,420	3,929	3,350	15	9	11	66,300	35,361	36,850	1.48	1.56	1.41	98,124	55,163	51,959	22.20	14.04	15.51	
Macon	3,879	4,668	3,245	12	9	12	46,548	42,012	38,940	1.31	1.75	1.47	60,978	73,521	57,242	15.72	15.75	17.64	
Madison	6,348	7,477	4,211	13	9	9	82,524	67,293	37,899	1.32	1.23	1.41	108,932	82,770	53,438	17.16	11.07	12.69	
Mitchell	864	1,457	705	14	9	15	13,113	10,575	14,550	1.45	1.50	1.47	17,539	19,669	15,545	20.30	13.50	22.05	
Polk	564	1,474	1,078	13	11	10	7,332	16,214	10,780	1.47	1.45	1.46	10,778	23,510	15,200	19.11	15.95	14.10	
Rutherford	5,431	7,720	6,810	15	11	13	81,465	84,920	88,530	1.42	1.49	1.47	115,680	126,531	130,139	21.90	16.39	19.11	
Swain	576	409	182	12	9	9	6,912	3,681	1,638	1.47	1.50	1.50	10,160	5,522	2,457	17.64	13.50	13.50	
Transylvania	59	90	109	14	10	11	826	900	1,199	1.39	1.45	1.55	1,148	1,305	1,858	19.46	14.50	17.45	
Yancey	1,956	3,774	1,680	14	10	11	27,384	37,740	18,480	1.44	1.40	1.56	39,433	52,836	28,829	20.16	14.00	17.16	
<b>Western Mountain (W.)</b>	<b>52,664</b>	<b>63,561</b>	<b>48,328</b>	<b>14</b>	<b>10</b>	<b>11</b>	<b>741,648</b>	<b>607,060</b>	<b>560,584</b>	<b>1.38</b>	<b>1.45</b>	<b>1.48</b>	<b>1,026,715</b>	<b>881,046</b>	<b>826,427</b>	<b>19.60</b>	<b>13.86</b>	<b>17.10</b>	
<b>DISTRICT 2</b>																			
Alamance	14,217	16,161	14,951	14	11	12	199,038	177,771	179,412	1.40	1.38	1.62	278,653	245,324	290,647	19.60	15.18	19.44	
Caswell	7,605	7,201	7,222	13	12	10	98,865	86,412	72,220	1.39	1.29	1.40	137,422	111,471	101,108	18.07	15.48	14.00	
Durham	3,439	3,047	2,864	13	10	12	44,707	30,470	34,368	1.65	1.43	1.52	73,767	43,572	52,239	21.45	14.30	18.24	
Forsyth	13,710	15,604	14,459	17	11	14	233,070	171,644	202,426	1.44	1.46	1.51	335,621	250,600	305,663	24.48	16.06	21.14	
Franklin	257	586	628	11	13	10	2,827	7,618	6,280	1.70	1.90	1.60	4,806	14,474	10,048	18.70	24.70	16.00	
Granville	3,741	3,609	2,345	13	11	10	48,633	39,699	23,450	1.41	1.42	1.55	68,573	56,373	36,348	18.33	15.62	15.50	
Guilford	19,513	20,193	20,151	16	13	13	312,208	262,509	261,963	1.41	1.41	1.50	449,213	370,138	392,945	22.56	18.33	19.50	
Orange	10,079	10,462	12,358	14	10	13	141,106	104,620	160,654	1.43	1.34	1.59	201,782	140,191	255,440	20.02	13.40	20.67	
Person	6,456	6,637	5,209	13	9	11	83,928	66,370	57,299	1.41	1.40	1.51	118,338	92,918	86,521	18.33	14.00	16.61	
Rockingham	11,587	11,505	10,942	14	9	10	162,218	103,545	109,420	1.43	1.41	1.53	231,972	145,998	167,413	20.02	12.69	15.30	
Stokes	13,196	13,997	11,258	14	9	11	184,744	125,973	123,838	1.45	1.47	1.53	267,879	185,180	189,472	20.30	13.23	16.83	
Vance	877	996	568	13	11	11	11,401	10,956	6,248	1.55	1.45	1.55	17,672	15,886	9,684	20.15	15.95	17.05	
Warren	1,220	1,909	1,763	12	12	13	14,640	22,908	22,919	1.73	1.42	1.50	25,327	32,529	34,379	20.76	17.04	19.50	
<b>Northern Piedmont (N.)</b>	<b>105,897</b>	<b>111,907</b>	<b>104,718</b>	<b>15</b>	<b>11</b>	<b>12</b>	<b>1,537,385</b>	<b>1,210,495</b>	<b>1,260,497</b>	<b>1.43</b>	<b>1.41</b>	<b>1.53</b>	<b>2,202,025</b>	<b>1,704,654</b>	<b>1,931,907</b>	<b>20.79</b>	<b>15.23</b>	<b>18.45</b>	
<b>DISTRICT 5</b>																			
Alexander	9,455	9,791	7,861	13	10	10	122,915	97,910	78,610	1.41	1.44	1.48	173,310	140,990	116,343	18.33	14.40	14.80	
Catawba	15,881	20,618	18,096	16	10	14	254,096	206,180	253,344	1.39	1.43	1.52	353,193	294,837	374,949	22.24	14.30	20.72	
Chatham	17,021	17,199	18,398	14	11	10	238,294	189,189	183,980	1.44	1.44	1.47	343,143	272,432	270,451	20.16	15.84	14.70	
Davidson	25,403	32,568	26,447	16	13	13	406,448	423,384	343,811	1.46	1.40	1.48	593,414	592,738	508,840	23.36	18.20	19.24	
Davie	9,823	11,177	10,238	14	11	11	137,522	122,947	112,618	1.39	1.34	1.56	191,156	164,749	175,684	19.46	14.74	17.16	
Iredell	21,481	22,874	24,499	15	10	12	322,215	228,740	293,988	1.40	1.49	1.47	451,101	340,823	432,162	21.00	14.90	17.64	
Lee	1,307	1,958	1,703	11	11	13	14,377	21,538	22,139	1.46	1.47	1.55	20,990	31,661	34,315	16.06	16.17	20.15	
Randolph	28,291	30,743	26,291	15	12	11	424,365	368,916	289,201	1.41	1.51	1.49	598,355	557,063	430,909	21.15	18.12	16.39	
Rowan	28,631	30,412	32,456	16	13	14	458,096	395,356	454,384	1.47	1.41	1.54	673,401	557,452	699,751	23.52	18.33	21.56	
Wake	872	1,327	1,478	12	13	12	10,464	17,251	17,736	1.70	1.50	1.60	17,789	25,877	28,378	20.60	18.50	19.20	
<b>Southern Piedmont (S.)</b>	<b>158,165</b>	<b>178,667</b>	<b>167,467</b>	<b>15</b>	<b>12</b>	<b>12</b>	<b>2,388,792</b>	<b>2,071,411</b>	<b>2,049,811</b>	<b>1.43</b>	<b>1.44</b>	<b>1.52</b>	<b>3,415,852</b>	<b>2,978,622</b>	<b>3,071,782</b>	<b>21.60</b>	<b>16.67</b>	<b>18.34</b>	
<b>DISTRICT 8</b>																			
Anson	4,146	5,983	8,157	13	11	10	53,898	65,813	81,570	1.37	1.38	1.48	73,840	90,822	120,724	17.81	15.18	14.80	
Cabarrus	10,621	12,021	12,444	15	11	11	159,315	132,321	136,884	1.44	1.43	1.45	229,414	189,090	198,482	21.60	15.73	15.95	
Cleveland	5,696	9,457	6,972	15	11	12	85,440	104,027	83,664	1.38	1.46	1.47	117,907	151,879	122,886				

Acreage Planted			Yield per Acre Bushels		Production Estimated Bushels			Price per Bushel			Total Value of Crop			Value per Acre			DISTRICT AND COUNTIES	
1926	1927	1928	'26	'27	'28	1926	1927	1928	1926	1927	1928	1926	1927	1928	1926	1927	1928	
2,213	2,193	2,094	29	25	24	64,177	54,825	50,256	.69	.61	.72	44,282	33,443	36,184	19.11	15.25	17.28	DISTRICT 1
6,755	5,034	5,243	26	18	25	175,630	90,612	131,075	.66	.73	.70	115,916	66,147	91,755	17.16	13.14	17.50	Alleghany
2,205	2,051	1,363	24	20	20	52,920	41,020	27,260	.69	.71	.77	36,515	29,124	20,990	16.56	14.20	15.40	Ashe
2,592	1,739	1,404	25	21	21	64,800	36,519	29,484	.77	.78	.80	49,896	28,485	23,587	19.25	16.38	16.80	Avery
3,425	2,636	1,787	23	20	19	78,775	52,720	33,953	.67	.76	.72	52,779	40,067	24,446	15.41	15.20	13.68	Caldwell
4,197	3,085	3,085	23	14	15	96,531	43,190	46,275	.68	.72	.76	65,641	31,097	35,169	15.64	10.08	11.40	Currituck
1,883	1,893	1,491	23	20	16	43,309	37,860	23,856	.63	.77	.77	27,285	29,152	18,369	14.49	15.40	12.32	Dare
3,872	2,687	2,253	22	20	20	85,184	53,740	45,060	.60	.80	.70	51,110	42,992	31,542	13.20	16.00	14.00	Edgecombe
27,142	21,318	18,720	24	19	20	661,326	410,486	387,219	.67	.73	.74	443,424	300,507	282,042	16.34	14.31	15.92	Gaston
3,893	5,157	3,829	26	17	25	101,218	87,669	95,725	.61	.72	.76	61,743	63,122	72,751	15.86	12.24	19.00	Hertford
1,391	1,305	1,625	24	16	20	33,384	20,880	32,500	.69	.71	.75	23,035	14,825	24,375	16.56	11.36	15.00	Johnston
470	409	270	20	20	19	9,400	8,180	4,050	.66	.72	.77	6,204	5,889	3,119	13.20	14.40	11.55	Lenoir
270	279	380	20	25	23	5,400	6,975	8,901	.68	.74	.85	3,672	5,162	7,566	13.60	18.50	19.55	Mecklenburg
163	95	222	20	18	22	3,260	1,710	4,884	.80	.90	.76	2,608	1,539	3,712	16.00	16.20	16.72	Montgomery
3,071	3,071	3,237	25	23	21	76,755	70,633	67,977	.67	.67	.72	51,439	47,324	48,943	16.75	15.41	15.12	New Hanover
1,178	1,109	802	25	18	20	29,450	19,962	16,040	.61	.73	.70	17,965	14,572	11,228	15.25	13.14	14.00	Onslow
2,122	1,489	1,770	25	12	23	53,050	17,868	40,710	.66	.73	.80	35,013	13,044	32,568	16.50	8.76	18.40	Pamlico
7,758	526	245	23	16	24	17,434	8,416	5,880	.71	.79	.83	12,378	6,649	4,880	16.33	12.64	19.92	Perquimans
1,482	1,146	1,038	20	24	19	29,640	34,704	19,722	.71	.74	.75	21,044	25,681	14,791	14.20	22.41	14.25	Rockingham
5,288	4,868	3,715	28	14	20	148,064	68,152	74,300	.62	.62	.75	91,799	42,254	55,725	17.36	8.68	15.00	Sampson
4,971	3,755	3,106	29	20	30	144,159	75,100	93,180	.72	.67	.82	103,794	50,317	76,408	20.88	13.40	24.60	Scotland
4,790	971	404	20	18	21	15,800	17,478	8,484	.73	.80	.81	11,534	13,982	6,872	14.60	14.40	17.01	Transylvania
4,522	3,247	1,825	22	15	23	99,484	48,705	41,975	.72	.71	.88	71,628	34,581	36,938	15.84	10.65	20.24	Yadkin
995	776	314	21	17	25	20,895	13,192	7,850	.67	.75	.65	13,999	9,894	5,102	14.07	12.75	16.25	
1,339	1,157	80	21	18	23	28,119	2,826	1,840	.64	.72	.66	17,996	2,035	1,214	13.44	12.96	15.18	
5,866	5,227	4,334	27	17	30	158,382	88,859	130,020	.67	.69	.71	106,116	61,313	92,314	18.09	11.73	21.30	
38,569	33,587	27,203	25	18	23	973,914	591,309	654,038	.67	.70	.76	651,967	412,183	498,506	16.90	12.27	18.33	
5,958	4,282	2,535	26	16	23	154,968	68,512	58,305	.76	.78	.80	117,730	53,439	46,644	19.76	12.48	18.40	DISTRICT 2
1,656	1,023	790	19	18	20	31,464	18,414	15,800	.78	.58	.75	24,542	10,680	11,850	14.82	10.44	15.00	Alamance
1,781	979	1,137	22	20	15	39,182	19,580	17,055	.80	.83	.76	31,346	16,251	12,962	17.60	16.60	11.40	Caswell
6,801	5,361	4,287	20	26	26	136,020	107,220	111,462	.71	.75	.79	96,574	80,415	88,055	14.20	15.00	20.54	Durham
851	704	874	21	12	23	17,871	8,448	20,102	.70	.72	.77	12,510	6,083	15,478	14.70	8.64	17.71	Forsyth
2,475	1,507	774	22	20	15	54,540	30,140	11,610	.79	.79	.80	43,016	23,811	9,288	17.38	15.80	12.00	Franklin
7,415	5,254	3,541	22	21	24	163,130	110,334	84,984	.74	.78	.82	120,716	86,061	69,887	16.28	16.38	19.68	Granville
2,928	1,979	1,123	22	16	15	64,416	31,664	16,845	.74	.71	.78	47,668	22,481	13,139	16.28	11.36	11.70	Guilford
3,457	2,094	1,539	20	17	20	69,140	35,598	30,780	.80	.75	.75	55,312	26,699	23,085	16.00	12.75	15.00	Orange
3,013	2,203	2,189	20	16	20	60,260	35,248	43,780	.74	.79	.80	44,592	27,846	35,024	14.80	12.64	16.00	Person
1,996	1,379	1,608	24	20	24	47,904	27,580	38,592	.68	.77	.82	32,575	21,237	31,645	16.32	15.40	19.68	Rockingham
731	468	315	19	20	17	13,889	9,360	5,355	.76	.73	.77	10,556	6,833	4,123	14.44	14.60	13.09	Stokes
1,199	1,140	687	20	21	30	23,980	23,940	20,610	.75	.82	.80	17,985	19,631	16,488	15.00	17.22	27.16	Vance
40,261	28,373	21,399	22	19	21	876,614	526,038	475,280	.75	.76	.78	655,122	401,467	377,468	16.27	14.15	17.64	Warren
2,077	1,216	814	23	20	18	47,771	24,320	14,652	.66	.70	.76	31,529	17,024	11,136	15.18	14.00	13.68	DISTRICT 5
6,669	5,334	3,808	22	17	18	146,718	90,678	68,544	.64	.75	.82	93,900	68,009	56,206	14.08	12.75	14.76	Alexander
6,143	5,392	2,362	21	19	18	129,003	102,448	40,716	.68	.71	.66	87,722	72,738	26,873	14.28	13.49	11.38	Catawba
8,693	6,287	3,749	25	22	21	217,325	138,314	78,729	.68	.62	.71	147,781	85,755	55,898	17.00	13.64	14.91	Chatham
3,699	2,815	1,161	24	20	20	88,776	56,300	23,220	.62	.66	.75	55,041	37,158	17,415	14.88	16.78	15.00	Davidson
8,448	6,166	3,847	26	18	19	219,648	110,988	73,093	.64	.68	.82	140,575	75,472	59,936	16.64	12.24	15.58	Davie
2,372	2,152	1,372	26	21	19	61,672	45,192	26,068	.72	.78	.69	44,404	35,250	17,987	19.54	16.38	13.11	Iredell
9,270	6,902	3,005	25	20	20	231,570	138,040	60,100	.67	.69	.70	155,273	95,248	42,070	16.75	13.80	14.00	Lee
11,995	10,205	6,139	23	21	21	275,885	214,305	128,919	.67	.70	.71	184,843	150,014	91,532	15.41	14.70	14.91	Randolph
3,741	2,279	2,510	22	20	22	82,392	45,580	55,220	.70	.78	.75	57,611	35,552	41,415	15.40	15.60	16.50	Rowan
63,107	48,748	28,767	24	20	20	1,509,850	966,165	569,261	.67	.70	.74	998,679	672,220	420,468	15.83	13.79	14.62	Wake
12,047	11,287	7,876	25	17	20	301,175	191,879	157,520	.74	.75	.77	222,870	143,909	121,290	18.50	12.75	15.40	DISTRICT 8
7,018	5,695	3,577	24	23	21	168,432	130,985	75,117	.66	.66	.75	111,165	86,450	56,338	15.84	15.18	15.75	Anson
8,096	4,748	2,821	22	19	21	178,112	90,212	59,241	.68	.76	.77	121,116	68,561	45,616	14.96	14.44	16.17	Cabarrus
5,493	5,034	3,235	24	20	20	131,832	100,680	64,700	.70	.73	.73	92,282	73,496	47,231	16.80	14.60	14.60	Cleveland
4,422	3,115	2,419	25	19	20	110,550	59,185	38,340	.67	.71	.71	74,069	42,021	27,360	16.75	13.49	14.20	Gaston
4,897	5,727	2,414	27	20	19	132,219	114,540	45,866	.72	.76	.73	95,198	87,050	33,482	19.44	15.20	13.87	Lincoln
3,835	4,341	1,998	27	19	19	103,545	82,479	37,962	.70	.74	.76	72,482	61,034	28,851	18.90	14.06	14.44	Mecklenburg
4,259	2,924	1,689	21	20	24	89,439	48,480	40,536	.66	.76	.77	59,0						





Acreage Planted			Yield per Acre Pounds			Production Estimated Pounds			Price per Pound			Total Value of Crop			Value per Acre			DISTRICT AND COUNTIES								
1926	1927	1928	1926	1927	1928	1926	1927	1928	'26	'27	'28	1926	1927	1928	1926	1927	1928									
																		c c c			\$ \$ \$			\$ \$ \$		
8		11																DISTRICT 1								
124	99	56	780	1,000	950	96,720	99,000	53,200	5.0	5.0	5.0	4,836	4,950	2,660	39.00	50.00	47.50	Allegheny								
4	2	9																Ashe								
75	8	23	750	1,000	950	56,250	8,000	21,850	5.0	5.0	5.0	2,813	400	1,093	37.51	50.00	47.52	Avery								
24	25	25	740	1,000	950	17,760	25,000	23,750	5.0	5.0	5.0	888	1,250	1,188	37.00	50.00	47.52	Caldwell								
236	134	124	723	1,000	950	170,730	132,000	98,800	5.0	5.0	5.0	8,537	6,600	4,941	36.17	49.25	47.51	Surry								
95	9	64	750	1,000	830	71,250	9,000	53,120	5.0	5.0	5.0	3,563	450	2,656	37.51	50.00	41.50	Watauga								
76	122	171	800	1,000	700	60,800	122,000	119,700	5.0	5.0	5.0	3,040	6,100	5,985	40.00	50.00	35.00	Wilkes								
27	6	7	750	1,000		20,250			5.0	5.0		1,013	300		37.51	50.00		Yadkin								
8				1,000			8,000			5.0				400				Northern Mountain (NW.)								
25				1,000			25,000			5.0				1,250				DISTRICT 4								
10	43			1,000	837		10,000	35,991		5.0	5.0			500	1,799			Buncombe								
14	23	8		1,000			23,000			5.0	5.0			1,150				Burke								
7	9	27		1,000	800		9,000	21,600		5.0	5.0	5.0		450	1,080			Cherokee								
12	19	10	875	1,000		10,500	19,000			5.0	5.0		525	950		43.75	50.00	Clay								
5		1								5.0								Graham								
19		1								5.0								Haywood								
7	17	14		1,000	1,000		17,000	14,000		5.0	5.0	5.0		850	700			Henderson								
46	61	74	900	1,000	900	41,400	61,000	66,600		5.0	5.0	5.0	2,070	3,050	3,330	45.00	50.00	45.00	Jackson							
10	7			1,000			7,000			5.0	5.0			350				McDowell								
6		3								5.0								Macon								
324	319	444	630	1,000	791	204,200	316,000	311,011		5.0	5.0	5.0	10,211	15,800	15,550	31.52	49.53	39.57	Madison							
115	65	137	700	1,000	850	80,500	65,000	116,450		5.0	5.0	5.0	4,025	3,250	5,823	35.00	50.00	42.50	Mitchell							
15	80	27	780	1,000	950	11,700	80,000	25,650		5.0	5.0	5.0	585	4,000	1,283	39.00	50.00	47.52	Polk							
75	33	17	750	1,000	900	56,250	33,000	15,300		5.0	5.0	5.0	2,813	1,650	765	37.51	50.00	45.00	Rutherford							
30	13	8	725	1,000	900	21,750	13,000	7,200		5.0	5.0	5.0	1,088	650	360	36.27	50.00	45.00	Swain							
72	53	16	900	1,000	1,200	64,800	53,000	19,200		5.0	4.5	4.5	3,240	2,385	864	45.00	45.00	54.00	Transylvania							
45	19		700	1,000		31,500	19,000			5.0	4.5		1,575	855		35.00	45.00		Yancey							
115	25	26	760	1,000	975	87,400	25,000	25,350		5.0	5.0	5.0	4,370	1,250	1,268	38.00	50.00	48.76	Western Mountain (W.)							
9	20	18		1,000	955		20,000	17,190		5.0	5.0	5.0		1,000	860											
10	4	4								5.0								DISTRICT 2								
15	11	12		1,000	950		11,000	11,400		5.0	5.0	5.0		550	570			Alamance								
7	3	3								5.0								Caswell								
9	6	10		1,000			6,000			5.0	4.5			270				Durham								
225	977	492	950	1,000	900	213,750	977,000	442,800		5.0	4.0	4.3	10,688	48,570	19,040	47.50	50.00	38.69	Forsyth							
742	1,309	770	765	1,000	904	567,650	1,302,000	680,540		5.0	4.9	4.5	28,384	64,710	30,833	38.25	49.43	40.94	Franklin							
94	52	71	800	1,000	980	75,200	52,000	69,580		5.0	5.0	5.0	3,760	2,600	3,479	40.00	50.00	49.00	Granville							
283	225	261	600	1,000	1,000	169,800	225,000	261,000		5.0	5.0	5.0	8,490	11,250	13,050	30.00	50.00	40.00	Guilford							
235	52	27	770	1,000	960	180,950	52,000	25,920		5.0	5.0	5.0	9,048	2,600	1,296	38.50	50.00	48.00	Orange							
141	162	102	800	1,000	1,000	112,800	162,000	102,000		5.0	5.0	5.0	5,640	8,100	5,100	40.00	50.00	50.00	Person							
15	55	8	700	1,000		10,500	55,000			5.0	5.0		525	2,750		35.00	50.00		Rockingham							
87	89	80	600	1,000	985	52,200	89,000	78,800		5.0	5.0	5.0	2,610	4,450	3,940	30.00	50.00	49.25	Stokes							
4	11	23	550	1,000	800	2,200	11,000	18,400		5.0	5.0	5.0	110	550	920	27.50	50.00	40.00	Vance							
70	76	62	800	1,000	990	56,000	76,000	61,380		5.0	5.0	5.0	2,800	3,800	3,069	40.00	50.00	49.50	Warren							
110	216	184	700	1,000	1,200	77,000	216,000	220,800		5.0	5.0	5.0	3,850	10,800	11,040	35.00	50.00	60.00	DISTRICT 5							
366	154	123	800	1,000	950	292,800	154,000	121,600		5.0	5.0	5.0	14,640	7,700	6,080	40.00	50.00	47.50	Alexander							
1,405	1,092	946	733	1,000	1,023	1,029,450	1,092,000	959,480		5.0	5.0	5.0	51,473	54,600	47,974	36.63	50.00	51.14	Catawba							
4	6	11	850	1,000	820		3,400	6,000		5.0	5.0	5.0	170	300	451	42.50	50.00	41.00	Chatham							
97	75	70	700	1,000	800	67,900	75,000	56,000		5.0	5.0	5.0	3,395	3,750	2,800	35.00	50.00	40.00	Davidson							
28	43	30	990	1,000	700	27,720	43,000	21,000		5.0	5.0	5.0	1,386	2,150	1,050	49.50	50.00	35.00	Davie							
72	122	142	900	1,000	800	64,800	122,000	113,600		5.0	5.0	5.0	3,240	8,250	5,680	45.00	50.00	40.00	Iredell							
117	116	128	680	1,000	800	79,560	116,000	102,400		5.0	5.0	5.0	3,978	5,800	5,120	34.00	50.00	40.00	Lee							
52	54	42	800	1,000	810	41,600	54,000	34,020		5.0	5.0	5.0	2,080	2,700	1,701	40.00	50.00	40.50	Randolph							
24	15	47	800	1,000	830	19,200	15,000	39,010		5.0	5.0	5.0	960	1,951	1,951	40.00	50.00	41.51	Rowan							
18	20	15	780	1,000	800	14,140	20,000	12,000		5.0	5.0	5.0	707	1,000	600	39.28	50.00	40.00	Wake							
133	79	144	800	1,000	800	106,400	79,000	115,200		5.0	5.0	5.0	5,320	3,950	5,760	40.00	50.00	40.00	DISTRICT 8							
45	67	54	740	1,000	790	33,300	67,000	42,660		5.0	5.0	5.0	1,665	3,350	2,133	37.00	50.00	39.50	Anson							
53	181	51	830	1,000	900	43,990	181,000	45,900		5.0	5.0	5.0	2,200	9,050	2,295	41.51	50.00	45.00	Cabarrus							
643	778	734	781	1,000	805	502,010	778,000	590,810		5.0	5.3	5.0	25,101	41,050	29,541	39.04	52.76	40.25	Cleveland							
36,392	37,961	34,769	1,042	930	900	37,920,464	35,341,691	31,292,100		4.4	5.0	5.0	1,668,500	1,767,085	1,564,605	45.84	46.55	45.00	Gaston							
90	291	151	1,150	950	965	103,500	276,450	145,715		5.0	4.5	5.0	5,175	12,440	7,286	57.50	42.75	48.25	Lincoln							
10,891	12,269	11,627	938	900	963	10,215,758	11,042,100	11,196,801		4.2	5.0	4.0	429,061	552,105	447,872	39.40	45.00	38.52	Mecklenburg							
219	123	214	1,060	950	966	332,140	116,850	206,724		4.3	4.5	5.0	14,282	5,258	10,386	65.21	42.75	48.53	Montgomery							
12,459	15,669	16,438	933	952	956	11,624,247	14,916,888	15,714,728		4.3	4.5	4.6	464,970	745,844	722,877	37.32	42.75	43.97	Moore							
10,189	13,679	12,464	1,167	920	950	11,890,563	12,721,470	11,840,800		4.3	5.0	5.1	511,294	636												

IRISH POTATOES

DISTRICT AND COUNTIES	Acreage Planted			Yield per Acre Bushels			Production Estimated Bushel			Price per Bushel			Total Value of Crop			Value Per Acre		
	1926	1927	1928	1926	1927	1928	1926	1927	1928	1926	1927	1928	1926	1927	1928	'26	'27	'28
										\$ c	\$ c	\$ c	\$	\$	\$	\$	\$	\$
DISTRICT 1																		
Alleghany	415	306	473	89	98	113	36,935	29,988	53,449	1.35	1.50	.67	\$ 49,862	\$ 44,982	\$ 55,811	\$ 20	\$ 147	\$ 76
Ashe	434	538	869	114	114	122	49,476	61,332	106,018	1.42	1.60	.64	70,256	98,131	87,852	162	182	78
Avery	667	631	916	98	100	114	65,366	63,100	104,424	1.39	1.45	.77	90,858	91,495	80,406	136	145	87
Caldwell	850	720	945	87	88	121	73,950	63,360	114,345	1.59	1.20	.78	117,581	76,032	89,189	138	106	94
Surry	748	551	654	70	73	115	52,360	40,223	75,210	1.81	1.40	.86	94,772	56,312	64,681	128	102	99
Watauga	1,168	1,510	1,510	108	111	120	126,144	167,610	181,200	1.35	1.50	.66	170,294	251,415	119,592	145	167	79
Wilkes	1,388	1,155	1,656	82	84	122	113,816	97,020	202,032	1.50	1.26	.77	170,724	122,245	155,565	123	106	94
Yadkin	328	317	367	70	82	101	22,960	25,994	37,067	1.83	1.47	.90	42,017	38,211	33,360	128	121	91
<b>Northern Mountain (NW.)</b>	<b>5,998</b>	<b>5,728</b>	<b>7,390</b>	<b>90</b>	<b>96</b>	<b>118</b>	<b>541,007</b>	<b>548,627</b>	<b>873,745</b>	<b>1.49</b>	<b>1.42</b>	<b>.74</b>	<b>806,364</b>	<b>778,823</b>	<b>646,456</b>	<b>134</b>	<b>136</b>	<b>87</b>
DISTRICT 4																		
Buncombe	1,664	1,293	1,040	72	91	95	119,808	117,663	98,800	1.85	1.48	.81	221,645	174,141	80,028	133	135	77
Burke	377	352	749	67	78	102	25,259	27,456	76,398	1.70	1.17	.96	42,940	32,124	73,342	114	91	98
Cherokee	755	1,056	1,172	80	89	85	60,400	93,984	99,620	1.26	.95	.91	76,104	89,285	90,327	101	85	77
Clay	170	202	257	75	87	84	12,750	17,574	21,588	1.30	.97	.90	16,575	17,047	19,429	98	84	76
Graham	306	268	264	85	82	75	26,010	21,976	19,800	1.25	1.00	1.05	32,513	21,976	20,790	106	82	79
Haywood	1,319	1,319	1,678	72	92	106	94,968	121,348	177,868	1.39	1.20	.87	132,006	145,618	154,745	100	110	92
Henderson	1,485	1,825	2,342	80	86	89	118,800	156,950	208,438	1.84	1.21	.89	218,592	189,910	185,510	147	104	79
Jackson	1,063	942	1,215	83	85	103	88,229	80,070	125,145	1.45	1.05	.87	127,932	84,074	108,876	120	89	90
McDowell	428	356	651	70	88	101	29,960	31,328	65,751	1.75	1.08	.86	52,430	33,834	56,546	123	95	87
Macon	591	771	918	90	78	82	53,190	60,138	75,276	1.37	.96	.88	72,870	57,732	66,243	123	75	72
Madison	621	616	586	101	85	93	62,721	52,360	54,498	1.51	1.06	.85	94,709	55,502	64,323	153	90	79
Mitchell	678	621	807	98	99	97	66,444	61,479	78,279	1.36	1.16	.81	90,364	71,316	63,406	133	115	79
Polk	143	345	166	70	80	100	10,010	27,600	16,600	1.89	1.47	.96	18,919	40,572	15,936	132	118	96
Rutherford	210	269	263	71	78	105	14,910	20,982	27,615	1.70	1.35	1.00	25,347	28,326	27,615	121	105	105
Swain	533	513	284	84	81	105	44,772	41,553	29,820	1.53	1.17	.97	68,501	48,617	28,925	129	95	75
Transylvania	434	470	656	80	85	100	34,720	39,950	65,600	1.50	1.00	.86	52,080	39,950	56,416	120	78	86
Yancey	701	781	698	100	85	97	70,100	66,385	67,706	1.38	1.08	.72	96,738	71,696	48,748	138	92	70
<b>Western Mountain (W.)</b>	<b>11,478</b>	<b>11,999</b>	<b>13,746</b>	<b>81</b>	<b>87</b>	<b>95</b>	<b>933,051</b>	<b>1,038,796</b>	<b>1,308,802</b>	<b>1.54</b>	<b>1.16</b>	<b>.87</b>	<b>1,440,265</b>	<b>1,201,720</b>	<b>1,443,205</b>	<b>125</b>	<b>100</b>	<b>83</b>
DISTRICT 2																		
Alamance	322	342	289	91	92	104	29,302	31,464	30,056	1.90	1.75	1.00	55,674	55,062	30,056	173	161	104
Caswell	423	311	473	66	70	103	27,918	21,770	48,719	1.97	1.58	.90	54,998	34,397	43,847	130	111	93
Durham	260	155	158	70	80	94	18,200	12,400	14,852	2.00	1.50	.98	36,400	18,600	14,555	140	120	92
Forsyth	675	504	610	75	90	124	50,625	45,360	75,640	1.89	1.30	1.09	95,681	58,968	82,448	142	117	135
Franklin	406	181	235	100	85	112	40,600	15,385	26,320	2.08	1.40	.94	84,448	21,539	22,741	208	119	105
Granville	531	351	265	68	82	96	36,108	28,782	25,440	2.12	1.60	1.00	76,549	46,051	25,440	144	131	96
Guilford	726	582	649	92	94	114	66,792	54,708	73,986	2.00	1.42	1.03	133,584	77,685	76,206	179	133	117
Orange	190	355	258	72	70	101	13,680	24,850	26,058	2.02	1.52	1.01	27,634	37,772	26,319	145	106	102
Person	378	490	519	71	83	96	26,838	40,670	49,824	2.14	1.83	1.07	57,433	74,426	53,152	152	105	103
Rockingham	486	390	645	62	85	121	30,132	33,150	78,045	1.97	1.46	.98	59,360	48,399	76,484	122	124	119
Stokes	501	349	748	64	69	116	32,064	24,081	86,768	1.97	1.29	.92	63,166	31,064	79,827	126	89	107
Vance	97	110	120	74	80	107	7,178	8,800	12,840	2.10	1.50	.90	15,074	13,200	11,556	155	120	96
Warren	509	354	331	82	75	108	41,738	26,550	35,748	2.00	1.40	.95	83,476	37,170	33,961	164	105	103
<b>Northern Piedmont (N.)</b>	<b>5,504</b>	<b>4,474</b>	<b>5,300</b>	<b>77</b>	<b>82</b>	<b>110</b>	<b>421,175</b>	<b>367,970</b>	<b>584,296</b>	<b>2.00</b>	<b>1.51</b>	<b>.99</b>	<b>843,477</b>	<b>554,333</b>	<b>578,752</b>	<b>153</b>	<b>124</b>	<b>109</b>
DISTRICT 5																		
Alexander	263	198	278	60	75	116	15,780	14,850	32,248	1.70	1.18	.92	26,826	17,523	29,668	102	89	107
Catawba	305	320	477	64	87	117	19,520	27,840	55,809	1.85	1.09	.96	36,112	30,346	53,577	118	95	112
Chatham	239	225	249	89	87	96	21,271	19,575	23,904	2.00	1.50	1.03	42,542	29,363	24,321	178	131	99
Davidson	670	590	665	88	87	109	58,960	51,330	72,485	1.77	1.35	1.02	104,359	69,296	73,935	156	117	111
Davie	147	171	164	71	88	120	10,437	15,048	19,680	1.88	1.63	1.08	19,622	24,528	21,254	133	143	129
Iredell	508	372	456	66	81	124	33,528	30,132	56,544	1.73	1.24	.94	58,003	37,364	53,151	114	100	117
Lee	131	109	112	72	96	121	9,432	10,464	13,552	1.73	1.63	1.02	16,317	17,056	13,823	125	156	123
Randolph	565	553	552	85	91	108	48,025	50,323	59,616	1.88	1.45	1.00	90,287	72,968	59,616	160	132	108
Rowan	426	432	382	98	79	113	41,748	34,128	39,346	1.94	1.35	.94	80,991	46,073	36,985	190	167	97
Wake	796	249	285	79	86	98	62,884	21,414	27,930	2.03	1.45	1.00	127,655	31,050	27,930	160	125	98
<b>Central Piedmont (C.)</b>	<b>4,050</b>	<b>3,219</b>	<b>3,620</b>	<b>79</b>	<b>85</b>	<b>111</b>	<b>321,585</b>	<b>275,104</b>	<b>401,114</b>	<b>1.87</b>	<b>1.37</b>	<b>.98</b>	<b>602,714</b>	<b>375,567</b>	<b>394,560</b>	<b>149</b>	<b>117</b>	<b>112</b>
DISTRICT 8																		
Anson	346	230	279	75	90	105	25,950	20,700	29,295	1.81	1.50	1.05	46,970	31,050	30,760	136	135	110
Cabarrus	202	179	289	70	77	105	14,140	13,783	30,345	1.75	1.46	.90	24,745	20,123	27,311	123	113	95
Cleveland	273	235	195	70	84	112	19,110	19,740	21,840	1.85	1.40	1.01	35,354	27,636	22,058	130	118	113
Gaston	239	341	338	75	82	116	17,250	27,962	39,208	1.90	1.33	.98	32,775	37,389	38,424	143	109	114
Lincoln	182	332	207	67	83	116	12,194	27,473	24,012	1.81	1.60	1.07	22,071	43,957	25,693	121	133	124
Mecklenburg	289	342	346	72	78	116	20,808	26,676	40,136	1.89	1.51	1.05	39,327	40,281	42,143	136	118	122
Montgomery	220	174	202	64	78	117	14,080	13,80										

SWEET POTATOES

DISTRICT AND COUNTIES	Acreage Planted						Production Estimated						Total Value						Value per		
	1926			1927			1928			Bushels			Price per Bushel			of Crop			Acres		
	1926	1927	1928	1926	1927	1928	1926	1927	1928	1926	1927	1928	1926	1927	1928	1926	1927	1928			
<b>DISTRICT 1</b>																					
Allegheny	22	21	8	86	86	96	1,892	1,806	768	1.20	1.17	1.11	\$ 2,270	\$ 2,095	\$ 852	103	100	107			
Ashe	41	32	31	88	80	93	3,608	2,560	2,883	1.35	1.15	1.08	4,871	2,944	3,114	119	92	100			
Avery	19	4	31	91	100	96	1,729	400	2,976	1.20	1.12	1.10	2,075	448	3,274	109	112	106			
Caldwell	651	714	616	97	105	108	63,147	74,970	66,528	1.00	1.04	.83	63,147	77,969	55,218	97	109	90			
Surry	654	469	512	84	89	76	54,936	41,741	38,912	1.00	.98	.80	54,936	40,906	31,130	84	87	61			
Watauga	23	16	16	93	83	90	2,139	1,328	1,440	1.14	1.00	.92	2,438	1,328	1,325	106	83	83			
Wilkes	920	727	963	89	85	89	81,880	61,795	85,707	.98	.93	.83	80,242	57,469	71,137	87	79	74			
Yadkin	316	312	312	98	99	80	30,968	30,888	24,960	1.00	.95	.88	30,968	29,344	21,965	98	94	70			
Northern Mountain (NW.)	2,646	2,295	2,489	91	94	91	240,299	215,488	224,174	1.02	.99	.94	243,947	212,503	188,015	92	93	76			
<b>DISTRICT 4</b>																					
Buncombe	515	288	166	71	80	101	36,595	23,040	16,766	1.43	1.05	.97	52,288	24,192	16,263	102	84	98			
Burke	331	531	698	90	80	111	29,790	42,480	77,478	.93	.83	.84	27,705	35,258	65,082	84	66	93			
Cherokee	393	517	542	75	80	60	29,475	41,360	32,520	.87	1.00	1.04	25,643	41,360	33,821	65	80	62			
Clay	122	120	173	88	88	62	10,736	10,560	10,726	.94	1.07	1.08	10,092	11,299	11,584	83	94	67			
Graham	144	85	167	70	80	70	10,080	6,800	11,690	.93	1.13	1.17	9,374	7,684	13,677	65	90	82			
Haywood	184	184	79	79	100	102	14,536	18,400	8,058	1.30	1.19	1.11	18,897	21,896	8,944	103	119	113			
Henderson	272	211	259	83	82	92	22,576	17,302	23,828	1.33	1.07	1.08	30,026	18,513	25,734	110	88	99			
Jackson	271	276	427	91	81	91	24,661	22,356	38,857	1.50	1.12	.87	36,992	25,039	33,806	137	91	79			
McDowell	380	299	512	84	95	95	31,920	28,405	48,640	1.19	.87	.81	37,985	24,712	39,398	100	83	77			
Macon	210	182	220	85	98	90	17,850	17,836	19,800	1.08	1.07	.94	19,278	19,084	18,612	92	105	85			
Madison	228	220	139	83	77	94	18,924	16,940	13,066	1.03	1.04	1.05	19,492	17,618	13,719	85	80	99			
Mitchell	100	76	79	92	97	100	9,200	7,372	7,900	1.08	1.17	1.05	9,936	8,625	82,950	99	113	105			
Folk	269	630	562	81	76	100	21,789	47,880	56,200	1.07	1.05	.97	23,314	50,274	54,514	87	80	97			
Rutherford	1,331	1,224	1,331	84	89	109	111,804	108,936	145,079	1.02	.84	.92	114,040	91,506	133,473	86	75	100			
Swain	298	229	117	70	77	92	20,860	17,633	10,764	1.20	1.18	1.15	25,032	20,807	12,379	84	91	106			
Transylvania	170	94	34	72	75	91	12,240	7,050	3,094	1.55	1.19	1.10	18,972	8,390	3,403	112	89	100			
Yancey	56	66	47	79	80	90	4,424	5,280	4,230	1.17	1.13	.96	5,132	5,966	4,061	92	90	86			
Western Mountain (W.)	5,274	5,232	5,552	81	84	91	427,430	439,630	528,696	1.13	.98	1.01	484,198	432,223	571,420	92	83	103			
<b>DISTRICT 2</b>																					
Alamance	743	567	396	96	109	92	71,328	61,803	36,432	1.15	1.00	1.00	82,027	61,803	36,432	110	109	92			
Caswell	1,001	391	793	90	90	90	90,090	35,190	71,370	1.36	.97	1.13	122,522	34,134	80,648	122	87	102			
Durham	724	605	593	82	107	80	59,368	64,735	47,440	1.10	.90	1.06	65,305	58,262	50,286	96	96	85			
Forsyth	777	526	562	100	104	105	77,700	54,704	59,010	1.18	.85	.94	91,686	46,498	55,469	118	88	99			
Franklin	929	1,012	886	94	109	98	87,326	110,308	86,828	1.05	.75	1.00	91,692	82,731	86,828	99	82	98			
Granville	1,111	628	544	84	84	100	93,324	52,752	54,400	1.24	1.00	1.08	115,722	52,752	58,752	104	84	108			
Guilford	1,047	1,036	1,083	86	100	91	90,042	103,600	98,553	1.15	.93	1.01	103,548	96,348	99,539	99	93	92			
Orange	441	399	306	85	95	85	37,485	37,905	26,010	1.22	.84	1.03	45,732	31,840	26,790	104	80	88			
Person	505	598	585	83	80	88	41,915	47,840	51,480	1.30	1.00	1.08	54,490	47,840	55,598	108	80	95			
Rockingham	852	834	828	81	99	95	69,012	82,566	78,660	1.14	1.01	.96	78,674	83,392	75,514	92	100	91			
Stokes	551	379	672	80	89	91	44,080	33,731	61,152	1.17	1.02	.91	51,574	34,406	55,648	94	91	83			
Vance	389	372	392	79	106	99	30,731	39,432	38,808	1.25	1.00	1.04	38,414	39,432	40,369	99	106	103			
Warren	971	751	744	96	100	100	93,216	75,100	74,400	1.19	.90	1.10	110,927	67,590	81,840	114	90	110			
Northern Piedmont (N.)	10,041	8,098	8,384	88	99	93	885,617	799,666	784,543	1.19	.92	1.03	1,052,313	737,028	803,704	105	91	96			
<b>DISTRICT 5</b>																					
Alexander	384	330	350	73	98	83	28,032	32,340	29,050	1.08	.87	.82	30,274	28,136	23,821	79	85	68			
Catawba	1,325	1,386	1,426	88	125	94	116,600	173,250	134,044	1.07	.74	.84	124,762	128,205	112,597	94	93	79			
Chatham	675	607	664	86	86	98	58,050	72,840	65,072	1.02	.79	.95	59,211	57,544	61,818	88	95	93			
Davidson	1,338	1,466	1,465	104	114	101	139,152	167,124	147,965	1.11	.90	.92	154,459	150,412	136,128	115	103	93			
Davie	231	243	242	95	122	109	21,945	29,640	26,378	1.06	.88	1.00	23,262	26,088	26,378	101	107	109			
Iredell	477	472	509	83	90	96	39,591	42,480	48,864	1.17	.78	.93	46,321	33,134	45,444	97	70	89			
Lee	455	305	364	92	126	81	41,860	38,430	29,484	1.03	.91	1.04	43,116	34,971	30,663	95	115	84			
Randolph	562	636	539	94	125	90	52,828	59,600	48,510	1.14	.88	.94	60,224	69,960	45,599	107	110	85			
Rowan	471	509	492	98	107	120	46,158	54,463	59,040	1.20	.89	.90	55,390	48,472	53,136	118	95	108			
Wake	2,557	2,032	1,810	87	103	79	222,459	209,290	142,990	1.08	.63	1.02	240,256	131,856	145,850	93	65	81			
Central Piedmont (C.)	8,475	7,986	7,861	90	113	95	766,675	899,369	731,397	1.09	.79	.94	837,275	708,778	681,434	99	89	87			
<b>DISTRICT 8</b>																					
Anson	782	606	695	86	113	97	67,252	68,478	67,415	1.19	.68	.94	80,029	46,565	63,370	102	77	91			
Cabarrus	313	255	249	93	108	90	29,109	27,540	22,410	1.03	.88	.98	29,982	24,235	21,962	96	95	88			
Cleveland	1,195	1,004	1,014	84	100	112	100,380	100,400	113,568	1.21	.94	.98	121,460	94,376	111,297	102	94	110			
Gaston	754	1,112	820	90	107	99	67,860	118,984	81,180	1.20	.82	.86	81,432	97,567	69,815	108	88	85			
Lincoln	392	615	479	87	111	90	34,104	68,265	43,110	.96	.96	.81	32,740	65,534	34,919	84	107	73			
Mecklenburg	792	959	799	88	112	95	69,696	107,408	75,905	1.23	.90	1.00	85,726	96,667	75,905	108	101	95			
Montgomery	304	272	289	81	120	98	24,624	32,640	32,322	1.11	.89	1.00	27,333	29,085	28,322	90	107	98			
Moore	559	493	482	89	128	98	49,751	63,104	47,236	1.05	.94	1.02	52,239	59,318	48,181	93	120	100			
Richmond	781	787	1,067	95	100	103	74,195	78,700	109,901	1.11	.93	.92	82,356	73,191	101,109	105	93	95			
Stanly	248	322	399																		

DISTRICT AND COUNTIES	Small Grains	Cowpeas	Soybeans	All Clovers,	Mixed grains,	Meadow	Total	Red Clover	Annual Clover	Other Tame	Small grains	Annual	Total	All Hay, Tame	Tame Hay	
	cut green for hay Acres	for Hay acres	for Hay acres	Alfalfa Acres	Timothy Legumes Sorghum Acres	Hay Acres	Acres	Acres	Acres	Grasses Acres	Cut for Hay Acres	Hay cut for Hay Acres	Acres	and Wild Tons	Acres Yield Lbs.	Ton Price
<b>DISTRICT 1</b>																
Alleghany	29	10	10	668	388	9,520	10,625	142	2	8,277	41	26	9,586	8,176	1,967	16.83
Ashe	13	---	33	795	3,410	17,144	21,395	421	54	7,991	80	42	17,750	16,658	2,080	17.50
Avery	47	2	45	210	9,305	2,655	12,264	99	51	5,668	38	63	9,050	6,665	1,967	17.17
Caldwell	298	2,516	996	398	569	2,091	6,868	334	72	1,008	383	1,800	4,791	4,138	1,900	18.00
Surry	231	896	605	3,791	1,391	2,366	9,280	582	138	1,707	119	246	3,933	5,151	1,975	17.90
Watauga	---	103	46	135	211	9,386	9,881	79	35	3,706	13	32	9,606	8,576	2,150	17.70
Wilkes	126	994	475	1,458	1,215	1,061	5,329	822	88	1,131	77	634	4,040	4,339	2,100	18.58
Yadkin	82	888	356	4,048	900	1,229	7,503	1,501	122	878	63	878	4,874	6,418	2,000	18.00
<b>Northern Mountain (NW.)</b>	<b>826</b>	<b>5,409</b>	<b>2,566</b>	<b>11,503</b>	<b>17,389</b>	<b>45,452</b>	<b>83,145</b>	<b>3,980</b>	<b>562</b>	<b>30,366</b>	<b>814</b>	<b>3,721</b>	<b>63,630</b>	<b>60,121</b>	<b>2,016</b>	<b>17.84</b>
<b>DISTRICT 4</b>																
Buncombe	376	318	1,495	5,868	5,608	3,158	16,823	718	136	1,167	355	385	6,927	6,538	2,115	20.75
Burke	397	2,060	779	1,925	309	1,925	6,995	661	81	1,229	412	1,128	4,363	4,136	1,950	18.17
Cherokee	45	511	706	115	127	4,279	5,783	135	38	1,290	47	638	4,599	6,783	1,970	19.87
Clay	---	158	288	310	356	2,152	3,264	135	---	1,267	56	159	1,890	1,611	2,000	17.00
Graham	6	58	13	167	83	1,605	1,932	51	3	458	12	48	1,972	1,554	1,800	18.00
Haywood	255	138	193	703	2,150	3,825	7,264	1,147	84	758	92	187	6,204	5,451	1,850	18.67
Henderson	256	480	1,080	1,738	1,333	3,459	8,346	803	50	1,050	106	233	5,193	6,158	2,000	19.00
Jackson	50	27	249	1,030	4,551	2,084	7,991	352	79	661	27	21	4,790	4,125	2,000	18.00
McDowell	145	513	680	510	415	203	2,466	274	37	168	171	572	1,547	1,673	2,100	19.00
Macon	87	97	141	1,105	1,493	3,539	6,462	440	87	2,091	136	457	5,592	4,702	2,050	18.50
Madison	38	81	197	4,336	4,419	6,097	15,168	378	40	414	101	499	8,713	7,612	1,975	20.00
Mitchell	706	16	8	1,414	1,962	6,690	10,796	926	11	2,963	23	70	7,692	5,431	1,917	20.67
Polk	863	1,044	160	110	618	71	2,866	236	75	105	62	67	1,120	924	1,900	19.00
Rutherford	164	1,531	152	192	553	157	2,749	166	64	88	150	586	1,451	1,609	1,850	19.20
Swain	296	428	76	552	3,224	608	5,184	178	17	215	76	228	1,668	1,714	1,880	18.00
Transylvania	---	208	148	416	372	1,378	2,522	177	29	424	28	100	2,150	1,763	1,900	17.50
Yancey	22	70	176	932	4,298	7,606	13,104	534	53	2,457	33	194	4,302	6,102	1,990	19.13
<b>Western Mountain (W.)</b>	<b>3,706</b>	<b>7,738</b>	<b>6,541</b>	<b>21,023</b>	<b>31,871</b>	<b>48,836</b>	<b>119,715</b>	<b>7,311</b>	<b>884</b>	<b>16,805</b>	<b>1,887</b>	<b>5,572</b>	<b>74,173</b>	<b>67,862</b>	<b>1,956</b>	<b>18.85</b>
<b>DISTRICT 2</b>																
Alamance	2,789	1,977	4,025	3,612	980	2,436	15,819	1,851	45	2,465	314	3,314	8,619	9,869	2,100	19.50
Caswell	890	1,677	764	1,812	259	257	5,659	537	610	417	170	898	3,042	2,283	2,000	18.20
Durham	571	1,889	645	1,525	344	845	5,819	904	28	137	138	1,538	2,403	3,245	1,960	20.00
Forsyth	546	1,023	1,446	13,863	504	4,080	21,462	2,858	61	3,051	269	2,562	10,879	12,519	1,980	21.50
Franklin	1,196	1,482	163	757	112	119	3,829	34	69	48	92	417	726	482	1,900	19.80
Granville	902	2,509	154	819	907	138	5,429	402	279	187	91	962	2,219	2,046	1,940	19.50
Guilford	863	3,230	2,080	11,075	1,010	4,085	22,343	2,958	167	2,641	740	3,826	13,251	13,020	2,020	21.00
Orange	270	237	1,443	2,853	279	1,836	6,920	1,857	131	997	161	1,507	5,670	6,305	2,010	19.00
Person	801	1,119	245	2,965	225	375	5,730	2,196	273	785	28	117	3,924	3,078	1,950	19.00
Rockingham	612	1,250	369	3,471	1,026	269	6,997	740	175	952	59	1,151	4,419	3,699	1,960	17.70
Stokes	132	232	50	5,824	838	2,338	9,414	1,315	54	523	33	33	3,503	2,759	1,940	18.00
Vance	373	1,459	87	644	344	4	2,911	30	375	153	27	772	1,716	1,558	2,000	20.00
Warren	585	1,901	115	1,250	252	66	4,169	406	658	157	22	2,074	2,436	1,798	2,000	20.00
<b>Northern Piedmont (N.)</b>	<b>10,530</b>	<b>19,985</b>	<b>11,586</b>	<b>50,472</b>	<b>7,080</b>	<b>16,848</b>	<b>116,501</b>	<b>15,488</b>	<b>2,925</b>	<b>12,513</b>	<b>2,982</b>	<b>18,271</b>	<b>62,787</b>	<b>62,461</b>	<b>1,982</b>	<b>19.48</b>
<b>DISTRICT 5</b>																
Alexander	526	2,648	645	1,008	238	250	5,315	477	11	202	137	948	2,135	1,641	1,950	18.00
Catawba	1,917	3,027	866	6,695	562	768	13,835	1,447	661	979	2,233	8,605	7,860	2,040	19.37	
Chatham	580	1,331	716	3,307	312	1,106	7,352	3,208	348	530	149	1,106	3,777	3,561	2,033	18.60
Davidson	205	838	333	9,627	525	8,837	20,365	1,597	81	1,306	89	495	9,342	11,559	2,150	18.71
Davie	448	636	276	6,670	331	3,758	12,119	1,172	183	1,541	109	913	5,962	4,765	2,175	17.67
Iredell	1,095	2,231	216	8,188	910	4,380	17,020	3,916	150	1,895	601	1,035	9,872	9,148	1,975	18.83
Lee	54	2,668	68	63	35	37	2,925	4	25	229	412	469	1,148	1,070	2,000	19.00
Randolph	494	1,480	2,362	9,469	711	2,543	17,059	2,334	78	1,402	173	2,862	8,855	9,461	2,120	17.50
Rowan	1,880	3,852	1,257	16,229	1,149	7,007	31,374	5,683	169	2,841	1,032	1,458	15,377	14,374	2,133	18.50
Wake	1,820	5,080	508	359	181	34	7,982	41	220	187	423	1,967	3,136	3,986	1,940	19.67
<b>Central Piedmont (C.)</b>	<b>9,019</b>	<b>23,791</b>	<b>7,247</b>	<b>61,615</b>	<b>4,954</b>	<b>28,720</b>	<b>135,346</b>	<b>19,581</b>	<b>1,412</b>	<b>10,794</b>	<b>4,099</b>	<b>13,486</b>	<b>68,209</b>	<b>67,425</b>	<b>2,052</b>	<b>18.59</b>
<b>DISTRICT 8</b>																
Anson	161	3,293	222	818	202	2,927	7,623	94	594	221	75	1,134	2,618	2,215	1,998	21.00
Caharras	1,227	2,032	328	5,261	572	6,193	15,613	1,515	278	1,006	817	671	8,079	8,707	2,000	19.70
Cleveland	1,474	2,752	368	500	190	355	5,639	236	158	220	525	610	3,246	3,138	2,000	20.44
Gaston	2,636	2,628	436	2,069	308	1,482	9,559	582	225	946	751	576	3,914	4,689	1,960	19.40
Lincoln	475	1,855	480	2,936	411	1,161	7,318	745	220	633	451	492	3,251	2,581	2,100	19.00
Mecklenburg	2,844	9,196	416	1,988	760	2,708	17,912	635	890	1,956	914	1,893	8,304	9,236	1,950	20.00
Montgomery	564	792	48	1,388	78	564	3,434	398	46	803	320	256	2,043	2,144	1,950	19.00
Moore	870	1,820	139	309	211	89	3,438	168	49	788	499	531	2,287	2,109	1,997	19.75
Richmond	850	1,746	250	176	159	341	3,522	83	9	288	663	313	1,403	1,389	1,976	21.40
Stanly	218	656	74	5,712	467	2,259	9,386	1,553	716	567	187	217	4,979	4,857	1,925	19.00
Union	2,452	2,598	113	2,242	1,099	2,760	11,264	2,299	2,980	406	448	348	6,621	6,634	1,890	20.50
<b>Southern Piedmont (S.)</b>	<b>13,771</b>	<b>29,368</b>	<b>2,874</b>	<b>23,399</b>	<b>4,457</b>	<b>20,839</b>	<b>94,708</b>	<b>6,238</b>	<b>6,165</b>	<b>7,834</b>	<b>5,650</b>	<b>7,041</b>	<b>46,745</b>	<b>47,699</b>	<b>1,977</b>	<b>19.92</b>
<b>DISTRICT 3</b>																
Bertie	1,034	31	838	2,830	631	2	5,366	11	29	90	137	11,155	11,448	5,		

WEATHER, SOILS, ELEVATION, CROPS AND POPULATION FACTS

COUNTY	Temperature(1)			Precipitation(2)		PRINCIPAL SOIL AND TYPES		Elevation(4)			Principal Crops(5)	Population(6)		County wide(7) Tax Rate
	Highest	Mean	Lowest	Inches Annual	Departure	(S. means Sandy)	(L. means Loam)	High	Low	Average		Total 1920	Urban % of Total	
						Principal	Secondary							
Alamance	97.59		74.33	-3.2		Durham sandy loam	Georgeville silt loam	716	504	627	Corn, Wheat, Tobacco, Hay	32,718	18.2	\$1.55
Alexander	96.57		255.0	+4.0		Cecil sandy loam	Cecil clay loam	1,950	829	1,318	Corn, Wheat, Cotton, Hay	12,212		1.25
Alleghany	88.51		-11.58	+10.0		Ashe loam	Porters loam	4,150	2,500	3,237	Hay, Corn, Rye, Oats	7,403		1.05
Anson	100.61		554.0	+7.0		Georgeville silt loam	Cecil gravelly loam	474	90	351	Cotton, Corn, Wheat, Oats	28,334	9.3	1.59
Ashe	88.52		-12.59	+12.0		Chandler loam	Ashe loam	5,195	2,500	3,502	Hay, Corn, Rye, Oats	21,001		1.83
Avery	85.49.4		-13.56	+2.8		Ashe loam	Porters loam	5,964	1,716	3,869	Hay, Corn, Oats, Rye	10,335		1.95
Beaufort	98.62		8.60	+11.6		Portsmouth loam	Dunbar fine sandy L.	95		26	Corn, Tobacco, Cotton, Truck	31,024	20.4	1.60
Bertie	98.60		10.50	+3.1		Dunbar fine S. L.	Coxville fine sandy L.	95		67	Peanuts, Corn, Cotton	23,993		1.55
Bladen	102.63		12.52	+6.1		Norfolk sandy loam	Norfolk sand	194	46	95	Corn, Cotton, Tobacco	19,761		2.50
Brunswick	88.53.4		-6.54	+7.0		Norfolk sand	Norfolk sandy loam	66		47	Corn, Truck, Peanuts	14,876		1.50
Buncombe	96.58.6		-3.52	+1.5		Cecil clay loam	Porters loam	6,476	1,791	3,542	Corn, Hay, Wheat, Oats	64,148	44.4	1.09
Burke	98.60		5.55	+5.0		Cecil clay loam	Madison gravelly loam	4,350	945	2,031	Corn, Wheat, Hay, Cotton	23,297	12.3	.98
Cabarrus	97.56.4		0.55	+4.4		Porters loam	Alamance silt loam	860	556	681	Cotton, Corn, Wheat, Oats	33,730	29.4	.95
Caldwell	98.59		12.55	+0.0		Bladen silt loam	Elkton silt loam	10		8	Corn, Wheat, Hay	19,984	18.6	1.20
Camden	96.63.8		14.62	+10.9		Norfolk sandy loam	Portsmouth fine S. L.	22		15	Corn, Soybeans, Cotton	5,382		1.70
Carteret	98.59		6.43	+0.0		Cecil sandy loam	Durham sandy loam	742			Corn, Tobacco, Wheat	15,759		2.00
Catawba	95.57.8		2.54	+1.9		Cecil Clay Loam	Cecil sandy loam	2,265	750	1,034	Corn, Cotton, Wheat	33,839	23.9	1.35
Chatbam	97.59.4		6.60	+16.7		Georgeville silt loam	Alamance silt loam	590	136	327	Corn, Cotton, Wheat	23,814		1.37
Cherokee	88.54		-3.56	-2.9		Porters loam	Talladega loam	4,662	1,375	2,232	Corn, Hay, Potatoes	15,242		1.30
Cbowan	99.59		12.59	+8.8		Portsmouth sandy loam	Coxville fine sandy L.	49		30	Peanuts, Corn, Cotton	10,649	26.1	1.43
Clay	87.53		-3.60	+0.0		Porters loam	Cecil clay loam	5,840	1,650	3,523	Corn, Wheat, Hay	4,646		3.10
Cleveland	95.59		4.58	+5.0		Cecil clay loam	Durham sandy loam	2,908	737	1,153	Cotton, Corn, Wheat, Oats	34,272	18.7	.88
Columbus	102.62.5		11.62	+13.0		Norfolk sandy loam	Coxville fine sandy L.	106	18	58	Corn, Tobacco, Cotton	30,124		1.53
Craven	101.63.5		12.60	+3.2		Portsmouth fine S. L.	Coxville fine sandy L.	50		23	Corn, Tobacco, Cotton	29,048	42.0	1.85
Cumberland	100.62		10.59	+9.3		Norfolk sand	Ruston sandy loam	240	100	149	Cotton, Corn, Cowpeas	35,064	25.3	1.69
Currituck	97.58		13.58	+8.0		Norfolk loamy F. S.	Elkton silt loam	22		13	Corn, Soybeans, Potatoes	7,268		1.55
Dare	97.59.8		13.50	+6.6		Peat	Norfolk sand	20		9	Corn, Soybeans, Sweet Potatoes	5,115		1.93
Davidson	97.58		5.51	+4.8		Georgeville silt loam	Cecil sandy loam	870	200	640	Corn, Wheat, Hay, Tobacco	35,201	31.1	1.17
Davie	96.58		4.53	+3.0		Cecil clay loam	Iredell loam	900	625	772	Corn, Wheat, Cotton	13,578		1.37
Duplin	100.61.1		10.68	+14.6		Norfolk sandy loam	Norfolk sand	158	50	92	Corn, Tobacco, Cotton, Hay	30,223		1.75
Durham	97.59.2		7.39	-2.5		White Store fine S. L.	Georgeville silt loam	549	264	406	Corn, Tobacco, Wheat	42,219	51.4	1.15
Edgecombe	98.60.8		9.52	+3.5		Norfolk sandy loam	Norfolk sand	125	39	89	Cotton, Corn, Tobacco, Peanuts	37,995	28.8	1.00
Forsyth	95.57.4		5.48	+2.7		Cecil clay loam	Cecil sandy loam	1,016	715	891	Corn, Wheat, Tobacco, Hay	77,269	62.6	.60
Franklin	100.59.2		1.43	-1.5		Durham sandy loam	Cecil sandy loam	451	175	346	Cotton, Corn, Tobacco, Hay	26,667		1.20
Gaston	96.59		4.64	+13.7		Cecil sandy loam	Cecil sandy loam	1,705	621	929	Cotton, Corn, Wheat, Cowpeas	51,242	30.9	1.00
Gates	99.60		11.56	+7.0		Coxville silt loam	Norfolk sand	52	10	32	Corn, Peanuts, Cotton, Soybeans	10,537		1.07
Graham	88.53		-6.57	-2.9		Porters loam	Talladega loam	5,500	1,650	3,678	Hay, Corn	4,872		1.70
Granville	97.58.3		7.41	-2.0		Durham sandy loam	Granville sandy loam	544	327	424	Corn, Tobacco, Cotton, Wheat	26,846	13.4	1.66
Greene	102.62		11.58	+5.0		Norfolk sandy loam	Norfolk sand	116	36	80	Tobacco, Corn, Cotton, Cowpeas	16,212		1.75
Guilford	97.58.8		6.50	+1.0		Cecil clay loam	Wilkes sandy loam	949	430	828	Corn, Wheat, Tobacco	79,272	43.1	.78
Halifax	99.59.7		7.49	+4.2		Norfolk sandy loam	Ruston sandy loam	380	67	157	Cotton, Corn, Peanuts, Tobacco	43,766	7.7	1.50
Harnett	98.60		9.60	+12.0		Norfolk sand	Ruston sandy loam	332	183	288	Cotton, Corn, Tobacco, Oats	28,313	9.9	1.60
Haywood	89.53		-7.48	+4.0		Porters loam	Cecil clay loam	6,636	1,300	4,692	Corn, Hay, Oats, Wheat	23,496	11.0	1.25
Henderson	90.55.7		-4.67	+5.8		Porters loam	Cecil clay loam	5,540	1,472	2,825	Corn, Hay, Truck	18,248	20.4	1.80
Hertford	99.60		9.53	+5.0		Congaree fine S. L.	Norfolk sandy loam	76	10	48	Peanuts, Cotton, Corn, Tobacco	16,294		1.70
Hoke	97.62.1		8.56	+13.0		Norfolk sand	Norfolk sandy loam	175		7	Cotton, Corn, Tobacco, Oats	11,722		1.20
Hyde	97.59		12.64	+15.4		Muck	Hyde loam	15		7	Corn, Soybeans, Cotton	8,386		2.30
Iredell	95.58.4		3.57	+8.2		Cecil clay loam	Cecil silt loam	1,800	720	915	Cotton, Corn, Wheat, Hay	37,956	32.2	1.35
Jackson	90.55.2		-4.47	+2.1		Porters loam	Cecil clay loam	6,556	1,881	4,275	Corn, Hay, Oats, Wheat	13,396		1.95
Johnston	95.60		8.59	+11.0		Norfolk sandy loam	Cecil sandy loam	347	102	193	Cotton, Corn, Tobacco, Oats	48,998		1.86
Jones	102.63		12.58	+7.0		Norfolk sandy loam	Coxville fine sandy L.	51	13	36	Corn, Tobacco, Cotton, Soybeans	9,912		1.75
Lee	97.60		8.63	+17.0		Wadesboro fine S. L.	Coxville fine sandy L.	49	246	325	Corn, Cotton, Tobacco, Oats	13,400	22.2	1.10
Lenoir	103.63		12.57	+9.0		Norfolk sandy loam	Norfolk sand	114	30	47	Corn, Tobacco, Soybeans	29,555	33.1	2.03
Lincoln	95.58		3.59	+6.0		Cecil sandy loam	Cecil clay loam	1,160	710	922	Cotton, Corn, Hay, Oats	17,862	19.0	1.40
McDowell	93.56.5		-1.56	-2.1		Cecil clay loam	Porters loam	5,693	1,018	2,318	Corn, Wheat, Hay	16,763		1.58
Macon	88.53.6		-5.61	+4.0		Porters loam	Cecil clay loam	5,562	1,475	4,071	Corn, Wheat, Hay	12,887		2.23
Madison	90.55		-2.44	+2.5		Porters loam	Cecil clay loam	5,168	1,257	2,820	Corn, Hay, Wheat, Oats	20,883		1.38
Martin	98.60		8.55	+6.0		Norfolk sandy loam	Coxville fine sandy L.	84	60	74	Peanuts, Corn, Tobacco, Cotton	20,828		1.45
Mecklenburg	98.60.5		6.51	+5.7		Cecil clay loam	Cecil sandy loam	850	571	724	Cotton, Corn, Hay, Wheat	80,695	57.4	.91
Mitchell	86.50		-10.54	+2.0		Porters loam	Clifton loam	6,313	2,000	3,805	Hay, Corn, Oats	11,278		1.48
Montgomery	98.60		7.57	+9.0		Georgeville silt loam	Alamance silt loam			441	Corn, Cotton, Wheat	14,607		1.65
Moore	98.60.5		7.69	+21.0		Norfolk sand	Hoffman sandy loam	519	286	365	Corn, Cotton, Wheat, Tobacco	21,388		1.15
Nash	99.59.6		8.55	+11.1		Cecil sandy loam	Norfolk sandy loam	330	120	223	Cotton, Corn, Tobacco	41,061	15.5	1.35
New Hanover	98.63.3		14.00	+13.1		Norfolk sand	Portsmouth sand	58		24	Truck, Corn, Soybeans	40,620	82.2	1.06
Northampton	100.60		8.49	+3.6		Norfolk sandy loam	Lufkin silt loam	145	58	99	Cotton, Peanuts, corn	23,184		1.35
Onslow	98.62.6		11.61	+10.6		Norfolk sand	Portsmouth sandy loam	70	15	51	Corn, Tobacco, Peanuts, Cotton	14,703		2.36
Orange	97.60.2		7.53	+6.6		Georgeville silt loam	Davidson clay loam	662	470	535	Corn, Wheat, Tobacco, Cotton	17,895		1.45
Pamlico	100.63		12.54	-1.0		Portsmouth fine S. L.	Bladen loam	16		9	Corn, Truck, Cotton, Soybeans	9,060		2.45
Pasquotank	98.59		11.54	+7.7		Coxville fine sandy L.	Portsmouth fine S. L.	15		9	Corn, Soybeans, Cotton, Truck	17,670	50.5	1.55
Pender	101.62		7.62	+11.1		Norfolk fine sandy L.	Norfolk fine sandy L.	66	33	50	Corn, Peanuts, Cotton, Tobacco	14,788		1.78
Perquimans	98.59		12.56	+8.0		Coxville fine sandy L.	Portsmouth fine S. L.	20		13	Corn, Cotton, Peanuts, Soybeans	11,137		1.84
Person	97.59		6.42	+8.0		Georgeville silt loam	Alamance silt loam	650	357	514	Corn, Tobacco, Wheat, Hay	18,973		1.50
Pitt	100.61.4		8.60	+11.4		Norfolk sandy loam	Portsmouth sandy loam	110	21	54	Tobacco, Corn, Cotton, Oats	45,569	12.7	1.33
Polk	94.57.8		0.74	+14.7		Porters loam	Porters loam	3,978	934	1,811	Corn, Cotton, Wheat	8,832		2.05
Randolph	95.58		6.51	+4.8		Georgeville silt loam	Alamance silt loam	871	355	690	Corn, Wheat, Hay, Cotton	30,856	8.3	1.00
Richmond	101.61.3		4.54	+6.6		Georgeville silt loam	Georgeville silt loam	427	210	289	Cotton, Corn, Oats	25,567	24.7	1.40
Robeson	103.62.8		12.55	+7.0		Norfolk sandy loam	Portsmouth sandy loam	208	102	169	Cotton, Corn, Tobacco, Hay	54,674	4.9	1.29
Rockingham	99.58.9		4.43	-6.6		Cecil clay loam	Appling sandy loam	1,005	554	720	Corn, Tobacco, Wheat, Hay	44,149	12.1	1.67
Rowan	100.58.9		4.67	+20.3		Cecil clay loam	Cecil sandy loam	1,092	650	818	Cotton, Wheat, Corn, Hay	44,062	37.2	.92
Rutherford	95.59.4		4.59	+6.6		Cecil clay loam	Porters loam	3,832	739	1,845	Cotton, Corn, Wheat	31,426		1.44
Sampson	100.62		10.61	+10.0		Norfolk sand	Norfolk sandy loam	208	32	166	Cotton, Corn, Tobacco, Hay	36,002		1.90
Scotland	101.62		8.55	+7.0		Norfolk sandy loam	Norfolk sand	337	179	235	Cotton, Corn, Cowpeas	15,600	16.9	1.43
Stanly	97.59.9		7.53	+4.9		Georgeville silt loam	Alamance silt loam	850	467	714	Corn, Wheat, Cotton	27,429	9.8	1.30
Stokes	98.57		3.46	+1.5		Cecil clay loam	Cecil sandy loam	2,585	579	933	Corn, Tobacco, Wheat, Hay	20,575		1.79
Surry	99.56.9		0.48	+1.0		Cecil clay loam	Cecil sandy loam	3,609	769	1,366	Corn, Tobacco, Wheat, Hay	32,464	14.6	1.15
Swain	88.54		5.50	-3.4		Porters loam	Cecil clay loam	6,636	1,135	3,774	Corn, Hay	13,224		1.21
Transylvania	90.55		-4.66	+6.0		Porters loam	Cecil clay loam	6,458	1,253	3,604	Corn, Hay	9,303		2.45
Tyrrell	97.59		11.60	+10.0		Portsmouth fine S. L.	Bladen fine sandy L.	20		8	Corn, Soybeans, Potatoes	4,849		1.90
Union	98.60.5		6.54	+7.8		Alamance silt loam	Georgeville silt loam	696	456	610	Cotton, Corn, Wheat	36,029	11.3	2.00
Vance	99.59.0		6.42	-2.1		Durham sandy loam	Cecil sandy loam	505	410	463	Tobacco, Corn, Cotton, Cowpeas	22,799	22.9	1.55
Wake	95.60		8.51	+4.8		Cecil sandy loam	Durham sandy loam	508	280	359	Cotton, Corn, Tobacco, Hay	75,155	32.5	1.17
Warren	100.59		6.44	-5.5		Cecil sandy loam	Durham sandy loam	453	347	413	Cotton, Corn, Tobacco	21,593		1.10
Washington	97.													

MISCELLANEOUS INFORMATION

Table with columns: District and Counties, Tenants (Number Families on Farm), Cultivated (By Owner, By Tenants), Fruit Trees of Bearing Age (Apple, Pecan, Peach), All Fruit (Healthy Trees of Bearing Age, Melons, Home Gardens, Other Field Truck), Vegetables (Strawberries and dewberries, Sorghum Cane for Syrup, Cover Crops), and Acres (Small Grains, All Crops, Other Grasses).

Table with multiple columns: Horses Mules (1926, 1928), Sows Number of Breeding Age (1926, 1927, 1928), Hogs Sold and Slaughtered (1927, 1928), Hens Number of Laying Age (1926, 1927, 1928), Milk Cows Number of Milking Age (1926, 1927, 1928), Sheep No. Ewes of Breeding Age (1927, 1928), No. Tractors on Farms (1927, 1928), No. Autos and Trucks on Farms (1928), Year's Tons Commercial Fertilizer for All Crops (1928), and DISTRICT AND COUNTIES (listing various counties and districts).

COWPEAS

DISTRICT AND COUNTIES	Acres		Equivalent Solid Acres		Per Cent for Seed	Acres Grown Alone For All Purposes		Yield Per Acre Bushels		Production Bushels		Price per Bushel		Value		Value per Acre	
	Alone	Intertilled Acres	1927	'27		1927	1927	1927	1927	1927	1928*	1927	1928	1927	1928	1927	1928
DISTRICT 1																	
Allegheny	8	11	13	28	4	22	12	6	48	132	1.80	2.00	86	264	21.50	12.00	
Ashe	14	6	17	25	4	9	11	7	44	63	1.80	1.90	79	120	19.75	13.33	
Avery	12	---	12	22	3	30	11	7	33	210	1.80	1.65	59	347	19.67	11.57	
Caldwell	2,905	675	3,242	29	940	1,675	12	7	11,280	11,725	1.75	1.50	19,740	17,587	21.00	10.50	
Surry	2,579	408	2,783	40	1,113	1,599	13	5	14,469	7,995	1.69	1.79	24,453	14,311	21.97	8.95	
Watauga	25	1	25	27	7	25	10	6	70	150	1.80	1.65	126	248	18.00	9.92	
Wilkes	4,544	1,964	5,526	38	2,100	4,327	11	9	23,100	38,943	1.61	1.70	37,191	66,203	17.71	15.29	
Yadkin	3,768	541	4,038	27	1,090	2,504	10	5	10,900	12,520	1.65	2.00	17,985	25,040	16.50	10.00	
Northern Mountain (NW.)	13,855	3,606	15,656	30	5,261	10,191	11	7	59,944	71,738	1.66	1.73	99,917	124,120	18.95	12.18	
DISTRICT 4																	
Buncombe	633	87	676	37	250	730	10	7	2,500	5,110	1.88	2.00	4,700	10,271	18.80	14.06	
Burke	2,536	761	2,916	45	1,312	2,600	12	10	15,744	26,000	1.48	1.70	23,301	44,460	17.76	17.10	
Cherokee	731	508	985	31	305	322	10	5	3,050	1,610	1.55	1.86	4,728	3,011	15.50	9.35	
Clay	592	364	774	40	310	358	12	8	3,720	2,864	1.61	1.67	5,989	4,812	19.32	14.23	
Graham	107	582	398	25	100	264	10	6	1,000	1,584	1.63	1.90	1,630	3,025	16.30	11.45	
Haywood	7	400	107	28	30	229	7	7	210	1,603	2.00	2.33	420	3,735	14.00	16.31	
Henderson	1,060	632	1,376	28	385	1,128	10	5	3,850	5,640	2.00	1.65	7,700	9,306	20.00	8.25	
Jackson	269	46	292	25	73	338	10	6	730	2,028	1.80	2.00	1,314	4,056	18.00	12.00	
McDowell	897	703	998	33	329	372	9	6	2,961	3,432	1.46	1.94	4,323	6,658	13.14	11.63	
Macon	1,167	205	1,519	20	304	456	10	5	3,040	2,280	1.50	1.92	4,560	4,378	15.00	9.60	
Madison	100	32	126	30	38	201	10	8	380	1,608	1.80	1.50	684	2,412	20.12	12.00	
Mitchell	12	16	20	20	4	23	12	7	48	161	1.80	2.00	86	322	21.50	14.00	
Polk	351	699	700	36	245	402	11	8	2,695	3,216	1.65	1.45	4,447	4,663	18.15	11.59	
Rutherford	2,108	1,170	2,693	47	1,266	2,444	10	8	12,660	19,552	1.45	1.43	18,357	27,959	14.50	14.39	
Swain	107	30	122	19	23	142	10	8	230	1,136	2.00	2.00	460	2,272	20.00	16.00	
Transylvania	8	39	27	22	6	10	10	7	60	70	1.80	1.70	108	119	18.00	11.90	
Yancey	92	13	98	15	15	53	11	7	165	371	2.00	1.50	330	557	22.00	10.50	
Western Mountain (W.)	10,777	6,307	13,827	29	4,995	10,272	11	7	53,043	78,265	1.57	1.69	83,137	132,016	16.64	12.85	
DISTRICT 2																	
Alamance	3,228	464	3,460	23	796	2,266	11	4	8,756	9,064	1.60	1.90	14,010	17,222	17.60	7.60	
Caswell	2,491	433	2,707	27	731	2,133	11	7	8,041	14,931	1.90	2.25	15,278	33,595	20.90	15.75	
Durham	1,900	290	2,045	25	511	2,118	12	8	6,132	16,944	1.90	2.00	11,651	33,888	22.80	16.00	
Forsyth	2,361	375	2,548	18	459	1,716	12	8	5,508	13,728	1.75	2.31	9,639	31,712	21.00	18.48	
Franklin	1,383	466	1,616	21	339	1,869	13	5	4,407	9,345	1.90	1.95	8,373	18,223	24.70	9.75	
Granville	1,379	261	1,509	23	347	1,212	10	4	4,164	12,120	2.00	2.50	8,328	30,300	24.00	25.00	
Guilford	4,493	809	4,897	16	784	3,073	11	8	8,624	24,584	1.52	1.75	13,108	43,022	16.72	14.00	
Orange	2,456	520	2,716	20	543	1,631	12	8	6,516	13,048	1.86	2.12	12,123	27,662	22.33	16.96	
Person	2,168	880	2,608	17	443	1,171	10	10	4,430	11,710	1.85	2.00	8,196	23,420	18.50	20.00	
Rockingham	2,933	607	3,236	33	1,068	3,604	12	5	12,816	18,020	1.85	2.50	23,710	45,050	21.69	12.50	
Stokes	1,170	467	1,403	32	323	748	12	6	3,876	4,488	1.89	2.55	7,326	11,444	22.68	15.29	
Vance	893	407	1,096	50	548	967	10	7	5,480	6,769	1.90	1.95	10,412	13,200	19.00	13.65	
Warren	5,229	1,292	5,875	58	3,408	4,226	11	8	37,488	33,808	1.80	1.96	67,478	66,264	19.80	15.68	
Northern Piedmont (N.)	32,084	7,271	35,716	28	10,300	26,734	11	7	116,238	188,559	1.80	2.09	209,632	395,002	20.35	14.78	
DISTRICT 5																	
Alexander	2,496	700	2,846	31	882	1,805	12	7	10,584	12,635	1.46	1.86	15,453	23,501	17.52	13.01	
Catawba	5,534	1,804	6,436	40	2,574	5,325	12	10	30,888	53,250	1.58	1.85	48,803	98,513	18.96	18.50	
Chatham	3,267	812	3,673	28	1,028	2,723	12	5	12,336	13,615	1.50	2.10	18,504	28,592	18.00	10.50	
Davidson	4,189	479	4,428	20	886	2,724	13	6	11,518	16,344	1.70	1.97	19,581	32,198	22.10	11.82	
Davie	2,091	257	2,319	19	441	1,098	11	7	4,851	7,686	1.45	2.00	7,034	15,372	15.95	14.00	
Iredell	4,080	1,947	5,053	31	1,566	3,796	12	7	18,792	26,572	1.42	1.92	26,685	51,018	17.04	13.43	
Lee	988	618	1,297	26	337	1,012	11	5	3,707	5,060	1.93	2.17	7,155	10,980	21.23	10.84	
Randolph	4,697	549	4,971	17	845	2,437	13	5	10,985	12,185	1.67	2.25	18,345	27,416	21.71	11.24	
Rowan	7,469	1,211	8,074	23	1,857	4,921	12	6	22,284	29,526	1.62	2.03	36,100	59,938	19.44	12.18	
Wake	3,563	2,783	4,954	36	1,783	4,212	13	4	23,179	16,848	1.75	2.20	40,563	37,066	22.75	8.80	
Central Piedmont (C.)	38,374	11,160	44,051	27	12,199	30,053	12	6	149,124	193,721	1.60	1.99	238,223	384,594	19.53	12.80	
DISTRICT 8																	
Anson	3,113	3,886	5,056	28	1,416	3,286	13	8	18,408	26,288	1.60	2.00	29,453	52,576	20.80	16.00	
Cabarrus	2,747	967	3,230	21	678	3,267	12	4	8,136	13,068	1.51	1.86	12,285	24,306	18.12	7.43	
Cleveland	2,946	910	3,401	35	1,190	1,044	11	6	13,090	6,264	1.44	1.72	18,550	10,774	15.84	10.31	
Gaston	4,170	1,456	4,898	36	1,763	3,990	11	10	19,393	39,900	1.44	2.07	27,926	82,992	15.84	20.80	
Lincoln	2,707	388	2,901	33	957	2,259	11	8	10,527	18,072	1.30	1.85	13,685	33,433	14.30	14.79	
Mecklenburg	9,132	2,687	10,475	25	2,619	5,628	12	6	31,428	33,768	1.56	1.95	49,028	65,848	18.72	11.70	
Montgomery	1,130	221	1,240	25	310	1,312	11	7	3,410	9,184	1.62	1.81	5,524	16,623	17.82	12.66	
Moore	2,661	1,176	3,249	28	910	2,723	10	8	9,100	21,784	1.88	2.20	17,108	47,925	18.80	17.60	
Richmond	2,590	1,186	3,183	36	1,146	4,743	11	6	12,606	28,458	1.54	1.97	19,413	56,062	16.94	11.81	
Stanly	1,862	848	2,286	35	800	1,205	12	10	9,600	12,050	1.56	1.87	14,976	22,534	18.72	18.70	
Union	1,393	1,435	2,110	30	633	2,195	12	8	7,586	17,560	1.63	1.82	12,381	31,959	19.56	14.55	
Southern Piedmont (S.)	34,451	15,160	42,029	30	12,422	31,652	12	7	143,294	226,396	1.54	1.97	220,629	445,032	17.76	14.06	
DISTRICT 3																	
Bertie	278	30	293	58	170	84	10	10	1,700	840	1.75	2.05	2,975	1,722	17.50	20.50	
Camden	92	74	129	60	77	---	12	---	924	---	1.75	---	1,617	---	21.00	---	
Chowan	60	134	127	65	83	119	11	7	913	833	1.75	2.00	1,598	1,666	19.25	14.00	
Currituck	399	9	403	70	282	355	11	6	3,102	2,130	1.75	2.00	5,429	4,260	19.25		



SOYBEANS

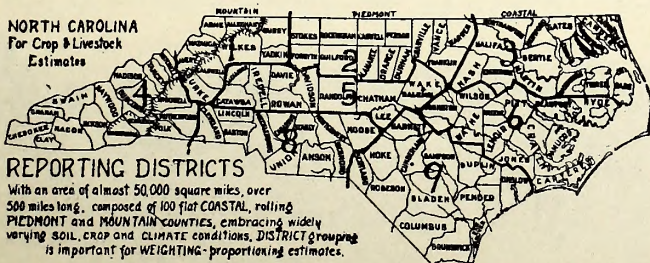
Acres Alone	Intertilled Acres	Equivalent Solid Acres	Per Cent for Seed	Acres for Seed	Grown Alone for all Purposes	Yield per Acre Bushels		Production Bushels		Price per Bushel		Value		Value per Acre		DISTRICT AND COUNTIES
						1927	1928	1927	1928*	1927	1928	1927	1928	1927	1928	
DISTRICT 1																
52	12	58	15	9	167	15	12	135	2,004	1.75	1.60	236	3,206	26.22	19.20	Alleghany
65	17	74	25	19	100	15	12	285	1,200	1.75	1.55	499	1,860	26.26	18.60	Ashe
45	172	131	15	20	107	15	11	300	1,177	1.75	1.75	525	2,060	26.25	19.25	Avery
1,038	167	1,121	38	426	1,441	17	8	7,242	11,528	1.80	1.50	13,036	17,292	30.60	12.00	Caldwell
2,020	89	2,064	22	454	1,253	15	13	6,810	16,289	1.86	2.01	12,667	32,741	27.90	26.13	Surry
57	9	62	20	12	57	15	11	180	627	1.75	1.75	315	1,097	26.25	19.25	Watauga
856	309	1,010	38	384	1,868	12	15	4,608	28,020	1.72	1.97	7,926	55,199	20.64	29.55	Wilkes
744	60	774	10	77	988	15	15	1,155	14,820	1.50	2.00	1,733	29,640	26.22	30.00	Yadkin
4,877	835	5,294	23	1,401	5,981	15	12	20,715	75,665	1.78	1.89	36,937	143,095	26.36	23.92	Northern Mountain (NW.)
DISTRICT 4																
2,239	226	2,352	12	282	3,098	17	12	4,794	37,176	1.75	2.17	8,390	80,672	22.51	26.04	Buncombe
805	65	837	26	218	1,059	16	11	3,488	11,649	1.49	1.84	5,197	21,434	23.84	20.24	Burke
520	110	575	7	40	620	17	13	680	8,060	1.75	2.08	1,190	16,765	29.75	27.04	Cherokee
180	39	199	10	20	151	16	10	320	1,510	1.79	2.00	573	3,020	28.65	20.00	Clay
50	13	56	2	1	31	15	12	15	372	1.75	2.00	26	744	26.00	24.00	Graham
155	50	180	18	32	657	11	11	352	7,227	1.75	2.37	616	17,123	19.25	26.07	Haywood
1,290	172	1,376	5	69	1,368	15	13	1,035	17,784	1.75	2.15	1,811	38,236	26.25	27.95	Henderson
553	52	579	10	58	802	15	12	870	9,624	1.75	2.00	1,523	19,248	26.26	24.00	Jackson
1,452	204	1,554	30	466	2,187	14	12	6,524	26,244	1.42	1.72	9,264	45,140	19.88	20.64	McDowell
768	293	914	15	137	977	16	10	2,192	9,770	1.73	2.21	3,792	21,592	27.68	22.10	Macon
461	141	531	16	85	479	15	13	1,275	6,227	1.60	2.00	2,040	12,454	24.00	26.00	Madison
92	17	100	10	10	100	18	11	180	1,100	1.75	2.00	315	2,200	31.50	22.00	Mitchell
111	107	164	7	11	140	15	12	165	1,680	1.75	1.65	289	2,772	26.27	19.80	Polk
450	159	529	5	26	576	11	14	286	8,064	1.75	1.50	501	12,096	19.27	21.00	Rutherford
45	5	47	5	2	154	15	12	30	1,848	1.75	1.85	53	3,419	26.50	22.20	Swain
216	4	218	10	22	219	15	11	330	2,409	1.75	1.90	578	4,577	26.27	20.90	Transylvania
146	4	148	10	15	90	15	12	225	1,080	1.75	2.00	394	2,160	26.27	24.00	Yancey
9,533	1,661	10,359	12	1,494	12,708	15	12	22,761	151,824	1.61	2.00	36,552	303,657	24.47	23.90	Western Mountain (W.)
DISTRICT 2																
3,721	126	3,784	2	76	5,033	16	13	1,216	65,429	1.75	1.89	2,128	123,661	28.00	24.57	Alamance
688	76	726	3	22	851	16	13	352	11,063	1.57	1.95	553	21,573	25.14	25.35	Caswell
1,309	137	1,377	5	69	1,212	16	14	1,104	16,968	1.70	1.97	1,877	33,427	27.20	27.58	Durham
3,859	146	3,932	8	315	4,448	14	10	4,410	44,480	1.75	1.88	7,718	83,622	24.50	18.80	Forsyth
292	179	381	11	419	668	15	13	6,285	8,684	1.75	1.80	10,999	15,631	26.25	23.40	Franklin
191	34	218	3	7	342	16	13	112	4,446	1.90	1.95	213	8,669	30.43	25.35	Granville
4,232	682	4,573	6	274	6,295	18	10	4,932	62,950	1.75	1.75	8,631	110,163	31.50	17.50	Guilford
2,276	79	2,315	3	69	3,069	16	12	1,104	36,828	1.65	2.13	1,822	76,314	26.40	24.87	Orange
5	5	5	5	5	427	14	14	14	5,978	2.00	2.00	14	11,956	28.00	28.00	Person
758	142	829	7	58	1,292	16	10	928	12,920	1.75	1.95	1,624	25,194	28.00	19.50	Rockingham
393	113	449	20	90	541	15	12	1,350	6,492	1.79	1.92	2,417	12,465	26.86	23.04	Stokes
224	93	270	9	24	373	16	14	384	5,222	1.75	1.85	672	9,661	28.00	25.90	Vance
413	82	454	15	63	262	18	15	1,224	3,930	2.00	1.85	2,448	7,271	36.00	27.75	Warren
18,361	1,889	19,313	7	1,491	24,813	16	13	23,401	285,390	1.76	1.89	41,102	539,607	27.57	21.75	Northern Piedmont (N.)
DISTRICT 5																
674	119	733	26	191	1,115	15	12	2,865	13,380	1.55	1.83	4,441	24,485	23.25	21.96	Alexander
1,949	457	2,177	25	544	2,135	18	10	9,792	21,350	1.50	2.00	14,688	42,700	27.00	20.00	Catawba
3,224	172	3,310	8	265	3,578	18	10	4,770	35,780	1.75	1.96	8,348	70,129	31.50	19.60	Chatham
2,865	295	3,012	6	181	4,382	20	10	3,620	43,820	1.75	2.25	6,335	98,595	35.00	22.50	Davidson
952	143	1,023	4	41	1,099	19	10	779	10,990	1.40	1.96	1,091	21,540	26.61	19.60	Davie
895	195	992	16	159	1,213	15	10	2,385	12,130	1.69	1.85	4,031	22,441	25.35	18.50	Iredell
222	66	255	15	38	242	12	12	456	2,904	1.70	2.00	775	5,808	20.39	24.00	Lee
4,618	229	4,732	4	189	5,231	16	12	3,024	62,772	1.75	2.12	5,292	133,077	28.00	25.44	Randolph
3,202	357	3,381	19	642	4,420	18	11	11,556	68,920	1.75	2.03	20,223	98,699	31.50	22.33	Rowan
852	585	1,144	15	172	1,399	18	15	3,096	20,985	1.65	1.80	5,108	37,773	29.70	27.00	Wake
19,453	2,618	20,759	14	2,422	24,814	17	11	42,343	272,731	1.66	2.04	70,332	555,247	29.04	22.38	Central Piedmont (C.)
DISTRICT 8																
431	1,214	1,038	27	280	693	17	10	4,760	6,930	1.50	2.25	7,140	15,593	25.50	22.50	Anson
867	330	1,032	9	93	1,180	21	12	1,953	14,160	1.75	1.92	3,418	27,187	36.75	23.04	Cabarrus
90	63	122	8	10	83	19	13	190	1,079	1.90	1.50	361	1,619	36.10	20.47	Cleveland
332	29	346	10	35	722	19	11	665	7,942	1.75	1.55	1,164	12,310	33.26	17.05	Gaston
721	59	750	10	75	636	19	11	1,425	6,996	1.75	2.00	2,494	13,992	33.25	22.00	Lincoln
387	296	535	12	64	701	18	10	1,152	7,010	1.50	1.62	1,728	11,356	27.00	16.20	Mecklenburg
177	191	272	11	30	320	17	11	510	3,520	1.90	1.25	969	4,400	32.30	13.75	Montgomery
353	145	425	8	34	752	19	11	646	8,272	1.75	1.50	1,131	12,408	33.26	16.50	Moore
508	238	627	16	100	650	20	10	2,000	6,500	1.75	1.40	3,500	9,100	35.00	14.00	Richmond
141	59	170	20	34	192	18	12	612	2,304	1.75	2.25	1,071	5,184	31.50	27.00	Stanly
219	311	374	15	56	935	20	13	1,120	12,155	1.75	2.00	1,960	24,310	35.00	26.00	Union
4,228	2,935	5,691	13	811	6,864	19	11	15,033	76,868	1.66	1.79	24,936	137,459	30.75	20.03	Southern Piedmont (S.)
DISTRICT 3																
2,123	826	2,536	23	583	1,812	17	12	9,911	21,744	1.53	1.68	15,164	36,530	26.01	20.16	Bertie
8,052	5,478	10,791	83	8,957	10,362	15	14	134,355	145,068	1.20	1.61	161,226	233,559	18.00	22.54	Camden
1,039	1,194	1,636	53	540	1,299	13	10	7,020	12,990	1.38	1.65	9,688	21,434	17.94	16.50	Chowan
7,632	1,490	8,377	73	6,115	9,671	15	15	91,725	145,065	1.15	1.63	105,484	232,104	17.25	24.00	Currituck
213	147	286	20	57	273	16	13	912	3,549	1.40	1.60	1,277	5,678	22.40	20.80	Dare
1,123	3,312	2,779	39	1,084	2,181	15	11	16,260	23,991	1.50	1.75	24,390	41,984	22.50	19.25	Edgecombe
1,314	1,440	2,034	30	610	2,509	17	13	10,370	32,617	1.30	1.76	13,481	57,406	22.10	22.88	Gates
439	2,354	1,616	46	743	2,926	15	15	11,145	43,890	1.30	1.80	14,489	79,002	19.50	27.00	Halifax
820	2,841	2,240	26	582	2,670	15	13	8,730	34,710	1.40	1.69	12,222	58,660	21.00	21.97	Hertford
1,336	1,704	2,188	35	766	1,678	15	12	11,490	20,136	1.50	1.75	17,235	35,238	22.50	21.00	Martin
635	1,872	1,571	12	189	4,549	16	14	3,024	7,686	1.60	1.77	4,838	13,604	25.60	24.78	Nash
1,051	1,395	1,748	19	332	1,598	17	12</									

PERCENTAGE OF MONTHLY PLANTING AND HARVESTING OF CROPS IN NORTH CAROLINA

CROPS AND DISTRICTS	PER CENT PLANTED												PER CENT HARVESTED											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>CORN FOR GRAIN</b>																								
Northern Mountain, 1	--	--	2	26	68	4	--	--	--	--	--	--	1	1	--	--	--	--	1	8	36	42	11	
Western Mountain, 4	--	1	48	45	6	--	--	--	--	--	--	--	2	2	--	--	--	--	4	4	39	45	9	
Northern Piedmont, 2	--	2	48	38	10	2	--	--	--	--	--	--	1	1	--	--	--	--	2	14	29	36	15	
Central Piedmont, 5	--	4	48	39	8	1	--	--	--	--	--	--	1	1	--	--	--	--	9	9	37	39	14	
Southern Piedmont, 8	--	3	31	45	17	3	--	--	--	--	--	--	1	1	--	--	--	--	6	6	37	41	14	
Northern Coastal, 3	--	2	58	24	15	1	--	--	--	--	--	--	2	2	--	--	--	--	1	2	16	44	31	
Central Coastal, 6	--	7	69	20	4	--	--	--	--	--	--	--	1	1	--	--	--	--	4	4	26	44	22	
Southern Coastal, 9	--	21	58	15	6	--	--	--	--	--	--	--	3	3	--	--	--	--	5	5	31	44	17	
State	--	5	47	38	9	1	--	--	--	--	--	--	3	3	--	--	--	--	1	6	31	42	17	
<b>WHEAT FOR GRAIN</b>																								
Northern Mountain, 1	--	--	--	--	--	--	1	23	55	19	2	--	--	--	--	--	62	29	5	4	--	--	--	
Western Mountain, 4	--	--	--	--	--	--	9	58	32	1	--	--	--	--	--	--	65	30	3	2	--	--	--	
Northern Piedmont, 2	--	--	--	--	--	--	2	60	36	2	--	--	--	--	--	2	86	12	--	--	--	--	--	
Central Piedmont, 5	--	--	--	--	--	--	2	53	41	4	--	--	--	--	--	1	89	9	1	--	--	--	--	
Southern Piedmont, 8	--	--	--	--	--	--	2	38	49	11	--	--	--	--	--	3	84	13	--	--	--	--	--	
Northern Coastal, 3	--	--	--	--	--	--	2	15	51	32	--	--	--	--	--	3	71	28	1	--	--	--	--	
Central Coastal, 6	--	--	--	--	--	--	--	21	71	8	--	--	--	--	--	4	67	26	3	--	--	--	--	
Southern Coastal, 9	--	--	--	--	--	--	--	46	45	9	--	--	--	--	--	1	84	15	--	--	--	--	--	
State	--	--	--	--	--	--	7	49	38	6	--	--	--	--	--	1	77	19	2	1	--	--	--	
<b>OATS FOR GRAIN</b>																								
Northern Mountain, 1	--	1	15	64	6	--	1	8	4	1	--	--	--	--	--	2	37	50	11	--	--	--	--	
Western Mountain, 4	--	3	42	35	--	--	7	11	2	--	--	--	--	--	--	2	38	51	9	--	--	--	--	
Northern Piedmont, 2	--	7	19	2	--	--	20	41	11	--	--	--	--	--	--	4	65	30	1	--	--	--	--	
Central Piedmont, 5	--	5	12	--	--	--	2	23	45	12	1	--	--	--	--	6	78	16	--	--	--	--	--	
Southern Piedmont, 8	--	2	2	--	--	--	2	22	50	21	1	--	--	--	--	14	75	11	--	--	--	--	--	
Northern Coastal, 3	--	23	18	1	--	--	8	25	15	10	--	--	--	--	--	3	72	25	--	--	--	--	--	
Central Coastal, 6	--	33	42	--	--	--	--	12	13	--	--	--	--	--	--	17	68	15	--	--	--	--	--	
Southern Coastal, 9	--	2	25	7	--	--	2	31	30	3	--	--	--	--	--	12	84	4	--	--	--	--	--	
State	--	8	17	17	1	--	1	14	29	12	1	--	--	--	--	8	69	22	1	--	--	--	--	
<b>OATS FOR HAY</b>																								
Northern Mountain, 1	--	14	22	27	27	--	--	10	--	--	--	--	--	--	--	16	43	29	12	--	--	--	--	
Western Mountain, 4	--	9	35	36	7	--	--	4	8	1	--	--	--	--	--	18	46	26	10	--	--	--	--	
Northern Piedmont, 2	--	1	8	41	8	--	3	21	16	2	--	--	--	--	--	31	59	10	--	--	--	--	--	
Central Piedmont, 5	--	1	11	31	5	--	--	23	26	2	1	--	--	--	--	46	46	7	1	--	--	--	--	
Southern Piedmont, 8	--	13	9	1	--	--	3	18	42	12	2	--	--	--	--	51	43	6	--	--	--	--	--	
Northern Coastal, 3	--	2	19	51	8	--	--	1	9	6	4	--	--	--	--	15	72	13	--	--	--	--	--	
Central Coastal, 6	--	1	29	48	2	--	--	3	5	10	2	--	--	--	--	22	71	7	--	--	--	--	--	
Southern Coastal, 9	--	5	40	22	2	--	--	3	12	13	3	--	--	--	--	30	64	4	1	1	--	--	--	
State	--	1	18	33	10	2	--	1	10	16	7	2	--	--	--	23	67	9	1	--	--	--	--	
<b>BARLEY FOR GRAIN</b>																								
Northern Mountain, 1	--	--	--	--	--	--	4	28	54	13	1	--	--	--	--	23	60	6	8	3	--	--	--	
Western Mountain, 4	--	--	--	--	--	--	4	20	56	20	--	--	--	--	--	9	55	33	2	1	--	--	--	
Northern Piedmont, 2	--	--	--	--	--	--	5	18	62	13	2	--	--	--	--	10	55	31	4	--	--	--	--	
Central Piedmont, 5	--	--	--	--	--	--	30	61	9	--	--	--	--	--	--	34	65	1	--	--	--	--	--	
Southern Piedmont, 8	--	--	--	--	--	--	5	15	59	18	3	--	--	--	--	30	61	9	--	--	--	--	--	
Northern Coastal, 3	--	--	--	--	--	--	--	2	80	18	--	--	--	--	--	--	94	6	--	--	--	--	--	
Central Coastal, 6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	28	42	20	10	--	--	--	--	
Southern Coastal, 9	--	--	--	--	--	--	--	35	65	--	--	--	--	--	--	14	72	14	--	--	--	--	--	
State	--	--	--	--	--	--	3	20	59	16	2	--	--	--	--	18	57	24	1	--	--	--	--	
<b>RYE FOR GRAIN</b>																								
Northern Mountain, 1	--	--	--	--	--	--	5	30	41	22	2	--	--	--	--	53	32	12	3	--	--	--	--	
Western Mountain, 4	--	--	--	--	--	--	5	32	38	24	1	--	--	--	--	1	57	36	4	2	--	--	--	
Northern Piedmont, 2	--	--	--	--	--	--	1	22	47	26	4	--	--	--	--	3	86	11	--	--	--	--	--	
Central Piedmont, 5	--	--	--	--	--	--	1	16	32	41	10	--	--	--	--	7	72	21	--	--	--	--	--	
Southern Piedmont, 8	--	--	--	--	--	--	2	24	44	26	4	--	--	--	--	5	84	11	--	--	--	--	--	
Northern Coastal, 3	--	--	--	--	--	--	--	9	47	40	4	--	--	--	--	20	71	9	--	--	--	--	--	
Central Coastal, 6	--	--	--	--	--	--	--	30	47	15	8	--	--	--	--	28	55	17	--	--	--	--	--	
Southern Coastal, 9	--	--	--	--	--	--	--	14	36	43	7	--	--	--	--	8	84	8	--	--	--	--	--	
State	--	--	--	--	--	--	3	25	41	27	4	--	--	--	--	5	71	21	2	1	--	--	--	
<b>BUCKWHEAT FOR GRAIN</b>																								
Northern Mountain, 1	--	--	--	16	37	45	2	--	--	--	--	--	--	--	--	--	8	19	49	23	1	--	--	
Western Mountain, 4	--	--	--	16	25	52	7	--	--	--	--	--	--	--	--	3	6	25	50	13	3	--	--	
Northern Piedmont, 2	--	--	--	33	52	15	--	--	--	--	--	--	--	--	--	--	--	8	17	35	35	5	--	
Central Piedmont, 5	--	--	--	29	44	3	12	12	--	--	--	--	--	--	--	--	8	17	35	35	5	--	--	
Southern Piedmont, 8	--	--	--	75	25	--	--	--	--	--	--	--	--	--	--	--	13	19	40	23	5	--	--	
Northern Coastal, 3	--	--	--	95	5	--	--	--	--	--	--	--	--	--	--	--	10	10	16	38	27	5	--	
Central Coastal, 6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5	15	32	36	12	--	--	
Southern Coastal, 9	--	--	12	77	11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
State	--	--	1	8	18	29	40	4	--	--	--	--	--	--	--	--	--	9	20	49	21	1	--	
<b>SOYBEANS FOR BEANS</b>																								
Northern Mountain, 1	--	--	3	63	17	11	6	--	--	--	--	--	--	--	--	--	--	8	57	30	5	--	--	
Western Mountain, 4	--	--	13	62	25	--	--	--	--	--	--	--	--	--	--	--	1	28	60	11	--	--	--	
Northern Piedmont, 2	--	--	3	45	51	1	--	--	--	--	--	--	--	--	--	--	4	46	46	4	--	--	--	
Central Piedmont, 5	--	--	10	59	27	4	--	--	--	--	--	--	--	--	--	--	1	52	42	5	--	--	--	
Southern Piedmont, 8	--	--	12	40	46	2	--	--	--	--	--	--	--	--	--	--	3	43	49	5	--	--	--	
Northern Coastal, 3	--	--	19	53	27	1	--	--	--	--	--	--	--	--	--	--	2	13	50	27	8	--	--	
Central Coastal, 6	--	--	32	43	23	2	--	--	--	--	--	--	--	--	--	--	6	55	33	6	--	--	--	
Southern Coastal, 9	--	--	36	47	16	1	--	--	--	--	--	--	--	--	--	--	2	18	38	32	10	--	--	
State	--	--	18	51	28	2	1	--	--	--	--	--	--	--	--	--	--	1	12	52	30	5	--	
<b>SOYBEANS FOR HAY</b>																								
Northern Mountain, 1	--	--	7	40	44	8	1	--	--	--	--	--	--	--	--	--	--	3	72	25	--	--	--	
Western Mountain, 4	--	--	2	35	49	16	--	--	--	--	--	--	--	--	--	--	19	59	18	4	--	--	--	
Northern Piedmont, 2	--	--	2	45	39	14	--	--	--	--	--	--	--	--	--	--	21	59	19	1	--	--	--	
Central Piedmont, 5	--	--	6	32	50	12	--	--	--	--	--	--	--	--	--	--	1	28	56	15	--	--	--	
Southern Piedmont, 8	--	--	8	25	48	19	--	--	--	--	--	--	--	--	--	--	8	61	28	3	--	--	--	
Northern Coastal, 3	--	--	8	38	42	12	--	--	--	--	--	--	--	--	--	--	12	58	28	2	--	--	--	
Central Coastal, 6	--	--	1	26	47	26	--	--	--	--	--	--	--	--	--	--	8	51	39	2	--	--	--	
Southern Coastal, 9	--	--	10	32	49	9	--	--	--	--	--													

PERCENTAGE OF MONTHLY PLANTING AND HARVESTING OF CROPS IN NORTH CAROLINA.—Con'd.

CROPS AND DISTRICTS	PER CENT PLANTED												PER CENT HARVESTED											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>COWPEAS FOR HAY</b>																								
Northern Mountain, 1				6	16	49	29												14	57	26	3		
Western Mountain, 4					29	52	19											1	24	52	19	4		
Northern Piedmont, 2				2	20	51	26	1										2	21	62	15			
Central Piedmont, 5				2	19	53	25	1										2	18	61	19			
Southern Piedmont, 8				1	13	51	31	4										1	10	53	33	3		
Northern Coastal, 3				1	7	53	35	4											14	71	15			
Central Coastal, 6				2	19	47	28	4										1	11	50	33	5		
Southern Coastal, 9				2	8	56	32	2										2	7	54	32	5		
State				2	16	52	28	2										1	15	57	24	3		
<b>RED CLOVER HAY</b>																								
Northern Mountain, 1				3	20	46	13	3	7	2	3	3						32	25	31	11	1		
Western Mountain, 4				6	36	34	4		11	3	5	1						3	32	40	10	7	3	
Northern Piedmont, 2				1	6	43	10			3	26	11						27	55	7	4	4		
Central Piedmont, 5				1	6	48	5		4	5	11	15	5					19	55	9	7	9		
Southern Piedmont, 8				7	24	1	2	2	4		16	34	10					10	47	14	12	5		
Northern Coastal, 3					6					10	19	62	3					47	21	8	7	17		
Central Coastal, 6																		17	47	25	6	5		
Southern Coastal, 9							25	25																
State				5	32	21	4	2	5	2	12	14	3					18	52	12	10	6		
<b>SORGHUM CANE MIXTURE</b>																								
Northern Mountain, 1					7	31	28	34												2	43	55		
Western Mountain, 4					4	27	57	12													6	57	2	
Northern Piedmont, 2					6	29	62	3												1	15	56	28	
Central Piedmont, 5					3	31	49	17													6	64	29	
Southern Piedmont, 8					8	19	52	21												1	16	44	32	
Northern Coastal, 3					2	8	33	50	7													62	38	
Central Coastal, 6																						75	25	
Southern Coastal, 9					14	47	35	4													3	55	42	
State					7	28	50	15													9	55	34	
<b>CRABGRASS MIXTURE</b>																								
Northern Mountain, 1					13	22	46	15	4											1	2	63	30	
Western Mountain, 4					12	10	43	27	8												12	53	29	
Northern Piedmont, 2					18	25	33	8	16											2	15	59	18	
Central Piedmont, 5					18	52	25	5													7	62	26	
Southern Piedmont, 8						21	35	39	5												1	8	55	
Northern Coastal, 3					27	23	2	46	2													8	70	
Central Coastal, 6						3	11	60	26												3	55	35	
Southern Coastal, 9						10	19	55	16												1	9	54	
State					8	16	29	37	10												1	9	57	
<b>COTTON</b>																								
Northern Mountain, 1						100																2	15	
Western Mountain, 4						18	75	7														14	41	
Northern Piedmont, 2						34	65	1														1	13	
Central Piedmont, 5						40	57	3														1	13	
Southern Piedmont, 8						50	48	2														1	16	
Northern Coastal, 3						1	48	51															10	
Central Coastal, 6						2	68	29	1														16	
Southern Coastal, 9						2	81	17															2	
State						1	52	46	1														2	
<b>TOBACCO</b>																								
Northern Mountain, 1						69	31															2	26	
Western Mountain, 4						6	66	28														2	13	
Northern Piedmont, 2						5	81	14														1	56	
Central Piedmont, 5						10	79	11														9	54	
Southern Piedmont, 8						30	62	8														18	45	
Northern Coastal, 3						14	81	5														1	45	
Central Coastal, 6						29	70	1														1	50	
Southern Coastal, 9						65	34	1														46	43	
State						22	67	11														25	43	
<b>SORGHUM CANE FOR SIRUP</b>																								
Northern Mountain, 1					3	7	77	13														2	51	
Western Mountain, 4						29	63	6	2													5	40	
Northern Piedmont, 2						15	71	14														12	35	
Central Piedmont, 5						19	63	18														10	53	
Southern Piedmont, 8						28	54	18														2	16	
Northern Coastal, 3						1	22	69	8													2	7	
Central Coastal, 6							10	78	12													5	13	
Southern Coastal, 9						1	24	43	32													6	11	
State						1	21	63	15													2	10	
<b>IRISH POTATOES (SUMMER)</b>																								
Northern Mountain, 1					6	40	47	6	1													2	19	
Western Mountain, 4					5	54	37	4														9	31	
Northern Piedmont, 2						9	65	23	3													21	47	
Central Piedmont, 5						3	55	34	6	2												16	38	
Southern Piedmont, 8						9	54	36	1													2	37	
Northern Coastal, 3						31	60	9														3	57	
Central Coastal, 6						29	68	3														15	58	
Southern Coastal, 9						38	57	5														9	62	
State						15	56	26	3													3	54	



EXPLANATION

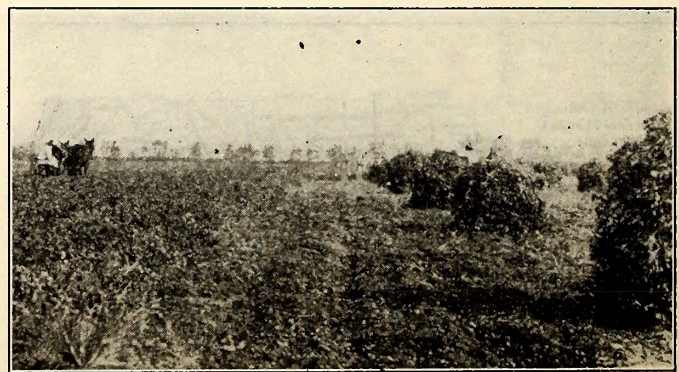
The above data gives the time and percentage of planting crops in the various parts (districts) of the State. The map on the left locates the districts whose numbers appear following the names above. The districts are used so as to show localities having similar conditions for areas smaller than the State at large and larger than counties. For instance, Raleigh is at the extreme eastern end of the 5th district, so one should study adjoining districts also. The planting and harvesting time practices are given as reported by several hundred farmers.

PERCENTAGE OF MONTHLY PLANTING AND HARVESTING OF CROPS IN NORTH CAROLINA.—Con'd.

CROPS AND DISTRICTS	PER CENT PLANTED												PER CENT HARVESTED											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>IRISH POTATOES (FALL)</b>																								
Northern Mountain, 1			2	41	21	25	11													33	50	16	1	
Western Mountain, 4				19	21	29	25	6											5	23	40	29	3	
Northern Piedmont, 2			2	1	9	10	59	17	2											4	16	50	26	4
Central Piedmont, 5					6	16	45	33													25	50	24	
Southern Piedmont, 8						6	59	30	5												16	47	35	2
Northern Coastal, 3							43	55	2													59	38	3
Central Coastal, 6							36	60	4												5	46	36	13
Southern Coastal, 9							33	53	2												10	43	45	2
State			1	8	7	12	41	23	2											2	17	47	31	3
<b>SWEET POTATOES</b>																								
Northern Mountain, 1				2	50	45	3													8	27	57	7	1
Western Mountain, 4			1	10	51	34	2				2									3	27	53	16	
Northern Piedmont, 2				9	53	36	2														1	25	66	8
Central Piedmont, 5				7	61	30	2														1	15	70	14
Southern Piedmont, 8			1	10	57	30	2														2	13	61	24
Northern Coastal, 3				10	41	42	7														3	10	57	28
Central Coastal, 6			3	6	32	45	13	1													1	2	6	55
Southern Coastal, 9			8	10	44	33	5														2	13	43	42
State			2	8	49	37	4														2	17	58	23
<b>PEANUTS</b>																								
Northern Mountain, 1					82	4	11	3														38	62	
Western Mountain, 4				16	65	19															6	24	49	21
Northern Piedmont, 2				10	67	23																43	52	5
Central Piedmont, 5				29	65	6																27	61	12
Southern Piedmont, 8			1	24	68	7																19	74	7
Northern Coastal, 3				12	73	15															1	19	73	7
Central Coastal, 6				24	70	6																43	45	12
Southern Coastal, 9				25	65	10															5	26	57	12
State				20	69	10	1														1	24	67	8
<b>TRUCK CROPS (GENERAL)</b>																								
Northern Mountain, 1			10	33	45	10	2									3	10	16	33	23	10	5		
Western Mountain, 4		1	19	29	34	13	4									1	6	16	19	20	19	10	9	
Northern Piedmont, 2		2	14	35	33	11	4	1								1	11	19	23	21	14	7	3	
Central Piedmont, 5		2	18	28	37	8	2	1	3	1						2	9	21	18	22	15	10	2	
Southern Piedmont, 8		3	16	42	24	7	3	3	1							8	23	22	18	14	12	3		
Northern Coastal, 3	1	13	28	30	10	14	3		1							1	18	22	21	17	11	7	1	
Central Coastal, 6	1	9	21	49	11	4	2	1	2							3	23	34	23	10	4	2	1	
Southern Coastal, 9	1	8	31	45	6	4	1	2	2							4	23	38	19	7	4	3	2	
State		4	18	36	28	9	3	1	1							1	12	22	20	19	14	8	4	
<b>WATERMELONS</b>																								
Northern Mountain, 1			4	1	85	10																		
Western Mountain, 4				15	78	7																		
Northern Piedmont, 2			2	19	65	14																		
Central Piedmont, 5				31	60	7	2																	
Southern Piedmont, 8			1	24	61	13	1																	
Northern Coastal, 3			1	50	41	8																		
Central Coastal, 6			7	45	46	2																		
Southern Coastal, 9			10	71	14	4	1																	
State			3	32	56	8	1																	
<b>SNAP BEANS</b>																								
Northern Mountain, 1			5	21	53	19	2																	
Western Mountain, 4			1	36	46	12	4	1																
Northern Piedmont, 2			9	44	28	13	5	1																
Central Piedmont, 5			7	41	32	10	7	3																
Southern Piedmont, 8			7	36	31	15	7	3	1															
Northern Coastal, 3			9	44	21	10	5	3	8															
Central Coastal, 6			25	48	16	4	2	5																
Southern Coastal, 9			30	47	9	7	6	1																
State			10	39	31	12	5	2	1															
<b>APPLES (PICKING)</b>																								
Northern Mountain, 1																		2	9	18	52	19		
Western Mountain, 4																		2	3	13	60	21	1	
Northern Piedmont, 2																		10	19	18	41	12		
Central Piedmont, 5																		14	20	26	31	9		
Southern Piedmont, 8																		4	12	20	23	26	15	
Northern Coastal, 3																		5	9	18	20	31	17	
Central Coastal, 6																		3	9	19	21	26	18	
Southern Coastal, 9																		10	23	23	24	17	3	
State																		6	12	18	46	17	1	
<b>PEACHES (PICKING)</b>																								
Northern Mountain, 1																1	10	18	46	15	10			
Western Mountain, 4																	8	24	44	22	2			
Northern Piedmont, 2																	1	13	40	29	14	3		
Central Piedmont, 5																	1	10	34	37	16	2		
Southern Piedmont, 8																	1	8	46	35	9	1		
Northern Coastal, 3																	2	19	43	30	3	3		
Central Coastal, 6																	2	16	45	28	7	2		
Southern Coastal, 9																	1	18	34	43	4			
State																	1	11	43	36	8	1		



Drilling Spring Oats in Wake County.



Digging (machine) and Stacking Peanuts in Martin County.

THE FEDERAL DEPARTMENT OF AGRICULTURE

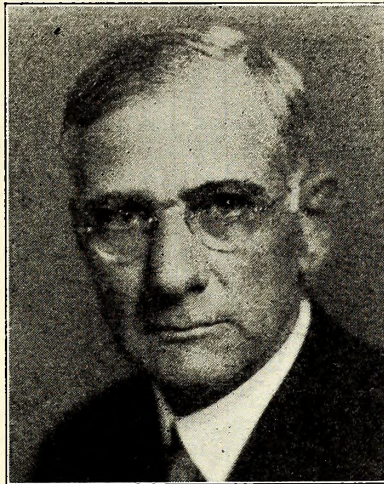
ARTHUR HYDE

Secretary

of the

United States

Department of Agriculture



During the first fifty years of its existence, the efforts of the United States Department of Agriculture were directed primarily to the internal improvement of agriculture. The Department attacked the problems of introducing and breeding new and better varieties of grain, fruits and other crops; the improvement of our breeds of livestock; it developed methods for the control of insects and diseases affecting plants and animals; and generally labored to assist the production side of farming.

For the last ten years its attention has been directed to the economic or business side of agriculture. Extensive market news and statistical services have been established or expanded. The purpose has been to keep the farmer posted as to the supply and demand for agricultural products both at home and abroad, as well as to the prices and movement of various kinds of products produced on our farms. These activities are only in their infancy. As the economic facts relating to agriculture are more fully developed and understood it will mean the placing of farming upon a sounder and more profitable basis.

STATE TRENDS IN RELATION TO MARKETING

We all recognize that the marketing of products of the farm, whether it be a basket of eggs or bales of cotton, is now an entirely different problem from what it was even ten years ago. To my way of thinking two things are fundamental:

1st. The standardization, that is the preparation of the product of the farm in conformity with a given standard as laid down by the Federal and State Departments of Agriculture.

2nd. That information as furnished by the Federal and State Departments of Agriculture that relates to the supply and the demand, considering the supply and price history of the past and the possible supply and price history of the future, should be a determining factor in what to plant and when, where to sell, when and how?

The accomplishment of successful marketing of standardized products, intelligently delivered to the consumer in the right way and at the proper time, can only be had through closer cooperation of the individual farmers or by large corporation farm plants.

GEO. R. ROSS, Director of State-owned Farms, former Chief of Marketing Division

NO PRODUCER CAN AFFORD TO OPERATE WITHOUT FACTS

Our experience in statistical records warrants the statement that no producer can afford to operate without the facts as to:

1. What is the current trend
2. What is the future trend
3. What has been the trend in the past

Without this information, gained by a study of statistics, we venture the assertion that no producer can long remain successful.

As manufacturers of a widely distributed article, we make use of statistical information from practically all sources, including agricultural statistics which we find useful to a marked degree. The value of reliable statistics cannot be over estimated when considering any one or all of the objects mentioned above.

C. G. YATES, Vice-President Vick Chemical Company

THINKING OF THE FUTURE

Thoughtful care for the future, more than for today's gain, must guide us in the making of a State Farm Program. For just as the roots of the problem extend deep into the past, imbedding themselves in such troublesome factors as soil depletion and an ingrained reluctance on the part of our people to supplement money with food crops, so an enduring solution must be projected correspondingly into the future.

Misfortune may make unavoidable the depletion of soils and forests for a season, but conservation should be the central aim of any general policy. This may be readily achieved through cover crops grown from unadulterated seeds and grazed by wealth-producing animals.

Our future in agriculture depends upon our ability to deal intelligently with the fundamental human and economic elements of the farm problem. And I venture to reassert the conviction to which I gave expression in my Inaugural Address, that a lasting solution must be based upon four main points of immediate interest and concern:

- (a) Pure-bred seed for our farms;
- (b) Pure-bred sires for our animals;
- (c) Grade "A" folk for our farms;
- (d) A fair and just distribution of the tax burden.

O. MAX GARDNER, Governor State of North Carolina

SERVICE TO FARMERS BY ECONOMICS BUREAU

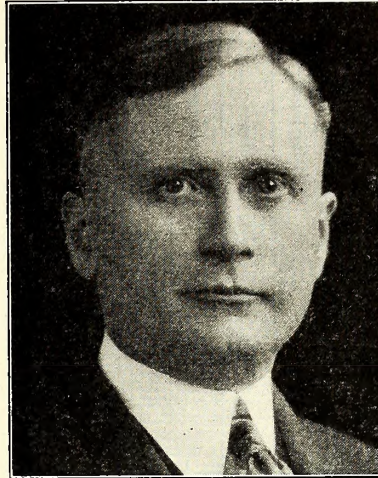
NILS A. OLSEN

Chief

of the

Federal Bureau of

Agricultural Economics



The returns that farmers obtain depend in no small part upon the ability with which they organize and operate their farms. To act most effectively they must have dependable information that indicates clearly their most logical line of action. The statistical work of the Bureau of Agricultural Economics supplies such information.

Through its interpretations of these statistical facts the Bureau serves the farmers in every phase of their production and marketing program. Through the Out-

look Report it points out, in January, the year's prospects in regard to each farm commodity. In March it publishes an outline of farmers' present intentions to plant and to breed, and if any product seems likely to be over supplied, a warning is given. Then it issues the crop reports at stated intervals, giving acreage and condition of crops, and livestock statistics; and then it reports on the harvests and final results. Meanwhile the Bureau's market news service—daily, weekly, and monthly—, is keeping the farmers constantly informed regarding the state of the market for all crops and farm commodities. And, finally, the Bureau issues so-called price situation reports, the purpose of which is to assist producers in marketing their products to best advantage.

Throughout the year many varied lines of research and regulatory work are going forward in the interests of the farmers. These lines furnish the basis of fact on which these active services are built. The farm management studies, moreover, often suggest methods of applying these facts to different systems of farming and suggest ways of readjusting farm methods in the light of changing conditions; market research acquaints the farmers with conditions to be found along the marketing channels of most of the farm commodities; results of research regarding utilization of land, agricultural credit, and farmer co-operation yield basic facts which must be considered in practically all lines of farming. In short, the supplying, in this manner, of dependable facts, properly interpreted, makes it possible for producers to operate in keeping with sound economic principles of production and marketing.

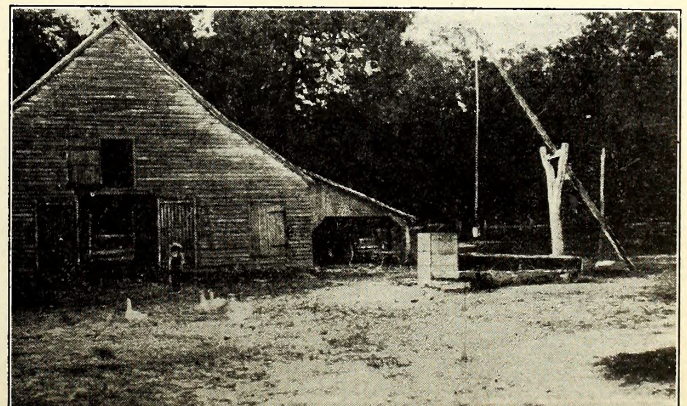
THE INDIVIDUAL FARMER NEEDS MORE INFORMATION

My experiences with the Cotton Growers' Association convince me that even the individual farmer must be informed on facts as to supply and demand, intentions to plant, and probable price trend.

There are those who hold that government reports should not be issued forecasting production or price trends. We shall not undertake to argue with those who hold this view, but, as for us, we would much prefer to see the government issue regular reports giving us all information that they can possibly compile on supply and demand and the prospects of the crop rather than to allow all of this to be handled by individuals and firms who undoubtedly at times give out very biased reports.

The individual farmer who studies all crop reports, facts, and figures before pitching his crops and acts intelligently on these reports is certainly taking advantage of this information in a way that so many of his fellow farmers do not.

U. B. BLALOCK, Sec'y-Treas. & General Manager  
N. C. Cotton Growers' Co-operative Association



Plantation barnyard scene. Piccaninny, geese and well sweep

CAR LOT SHIPMENTS OF FRUITS AND VEGETABLES FROM NORTH CAROLINA FOR 1928

COUNTIES	Apples	Dried Apples	String Beans	Cabbage	Cantaloupes	Carrots	Cucumbers	Grapes	Lettuce	Peaches	Green Peas	Peppers	Sweet Potatoes	White Potatoes	Turnips	Spinach	Strawberries	Tomatoes	Mixed Vegetables	Watermelons	Total County Shipments	
Anson										161			2								163	
Avery	1													2								3
Beaufort			1	2								23	86	1,753			17		3			1,885
Bladen			14										4	2						51		71
Brunswick			15				15						26						9			65
Buncombe	8																					8
Caldwell				1																		1
Camden				6									33	731								773
Carteret			12	155									439	306					3	50		965
Catawba													6							1		7
Chowan													3	28								31
Columbus			61				13					44	51	35			639			16		801
Craven			3	6			4		1			9	28	112						57		220
Cumberland										71				2						155		228
Currituck													196	470						1		667
Duplin			62		11		349					47	13	536			1,122		16	111		2,272
Edgecombe													2	55								57
Gaston													4									4
Granville													8									8
Halifax												19	3	40								62
Harnett										10			3	5								15
Haywood	63													8								71
Henderson				2										2			1					2
Hoke					24		10			39				2						82		158
Jackson	7													1								8
Johnston														3								3
Lee										22												22
Lenoir														25								25
McDowell				1										2	132							1
Martin																						134
Mitchell	6																					6
Montgomery										452												452
Moore										1,234										6		1,240
New Hanover			85			6	125		454			1	3	22		2			127			828
Northampton																						
Onslow			27				2							8					3			40
Pamlico			1	25								19	267	1,224				3	23			1,562
Pasquotank			20	3								246	59	1,802					3			2,133
Pender			92				88		18			2	4	5	23		214		22	2		470
Perquimans				3								13		15								31
Pitt													9	369								378
Polk	4																					4
Richmond							14	2		1,026												1,042
Robeson			61	1	71		40			33				14						251		471
Rowan					3																	3
Sampson												43	4	12			24			45		128
Scotland					158		5			103	3			3						417		689
Surry				37																		148
Swain	111																					2
Tyrrell														2								2
Wake										5			11	2	903							916
Warren					36									12								36
Washington												131		2	419							552
Watauga														2								2
Wayne			98		1		141					38		6	576		46			32		938
Wilkes		4																				4
Yancey	13																					13
Pick up Cars			129						4	86		58	46				88		251			663
Boat Shipments			9	13			3					19		94	81					32		251
State	213	4	690	255	304	6	812	2	477	3,242	685	107	1,361	9,723	3	2	2,151	3	517	1,252		

NORTH CAROLINA CAR LOT SHIPMENTS OF FRUITS AND VEGETABLES

Commodity	1921	1922	1923	1924	1925	1926	1927	1928												Total		
								Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.			
Apples	77	384	220	433	344	393	80										2	53	71	39	25	190
Dried Apples	1	1			6	2	1		1	1											1	4
Dry Beans	2		1	1	3																	690
String Beans	128	219	261	559	459	550	504															254
Cabbage	253	213	364	263	371	347	293		1			2	151	60			10	14	6	16		301
Cantaloupes	894	700	620	401	655	397	606										275	26				812
Cucumbers	641	687	1,175	1,639	1,562	869	935							314			498					6
Carrots		1		3	11	28	11										5					
Celery							1															
Lettuce	445	622	718	714	537	540	447				94	383										477
Mixed Vegetables	66	326	758	1,093	853	673	761				4	106	155			215	39			2	1	522
Mixed Deciduous Fruits		3	1		4	15																
Peaches	594	1,452	215	1,657	2,024	2,155	1,702							57		1,032	2,153					3,242
Potatoes (Irish)	3,071	4,202	3,475	6,566	4,052	6,713	7,555						13	7,604	1,001	505	390	109	32	6		9,663
Sweet Potatoes	982	721	654	720	1,189	1,364	1,692		180	188	238	145	72	42	10	270	53	25	43	48		1,314
Peppers		3	10	11	18	11	39									61	42					107
Tomatoes	1			8	8	27	33									3						3
Turnips and Rutabagas	6	9	5	2	3		4															3
Watermelons	1,657	993	1,542	664	991	1,301	1,085									126	1,117					1,243
Grapes				1		1	1										2					2
Green Peas					491	596	570						617	67			1					685
Onions						2	2															
Spinach	5	5	25	21	11	2	21		2													2
Strawberries	503	1,101	1,668	2,046	1,634	1,253	2,202				45	2,105	1									2,151
Total Cars	9,326	11,642	11,712	16,802	15,222	17,228	18,543		184	190	240	290	3,477	8,955		3,232	4,167	510	228	117	81	21,671

COST PER ACRE OF CROPS ON NORTH CAROLINA FARMS, 1926, 1927, AND 1928

PER ACRE COST AND VALUE OF	Corn			Wheat			Oats			Potatoes			Cotton			Tobacco
	1926	1927	1928	1926	1927	1928	1926	1927	1928	1926	1927	1928	1926	1927	1928	1928
1. Commercial fertilizer	\$4.15	\$4.21	\$5.56	\$3.09	\$3.52	\$3.48	\$1.91	\$2.81	\$3.54	\$24.95	\$20.34	\$22.45	\$8.65	\$9.93	\$9.43	\$14.74
2. Manure and compost	2.00	1.14	3.78	1.12	.97	1.83	.46	.41	.50	2.18	2.46	6.50	1.50	1.40	2.91	---
3. Seed and plants	.46	.37	.38	1.90	2.03	1.95	1.83	1.89	1.87	19.00	15.25	16.74	1.27	1.18	1.25	5.40
4. Sheets, containers, etc.	.09	.18	.23	.63	.46	.53	.44	.45	.68	9.55	8.15	10.52	.53	.67	.87	.98
5. Threshing	---	---	---	2.52	2.19	2.31	2.29	2.16	2.35	---	---	---	---	---	---	---
6. Ginning, bags and ties	---	---	---	.09	---	---	.11	---	---	.27	.77	---	3.43	3.30	3.00	---
7. Crop insurance	.05	.04	---	.90	.78	.78	.75	.75	.78	.95	.58	.90	1.08	1.21	.95	1.94
8. Damage to implements	1.10	.85	.83	.20	.31	.52	.14	.27	.48	.66	.22	1.05	.56	.91	.76	3.85
9. Damage to buildings	.37	.52	.86	3.57	3.77	3.29	3.65	3.29	2.77	3.77	4.27	5.18	4.34	4.67	4.68	6.69
10. Preparing ground for seed	4.12	3.82	3.73	1.21	1.03	.95	1.50	.96	.83	3.46	3.96	4.29	1.22	1.39	.92	5.03
11. Planting or sowing	1.25	1.05	.93	---	---	---	---	---	---	1.36	2.44	2.83	.35	.36	.37	4.00
12. Spraying, dusting, etc.	---	---	---	---	---	---	---	---	---	4.45	3.83	4.48	7.76	7.25	7.09	8.40
13. Cultivation	4.35	3.98	4.07	2.31	2.19	2.36	2.32	2.18	2.49	7.50	11.33	7.96	11.72	10.71	11.16	27.14
14. Harvesting	2.98	3.24	3.00	1.24	1.22	1.24	1.35	1.32	.88	5.80	5.35	4.20	1.88	1.62	1.31	5.48
15. Haul to market	2.54	2.12	1.89	1.05	.98	---	.52	1.08	1.02	.59	1.35	1.00	.93	1.32	1.37	3.69
16. Overhead	.82	.94	1.09	.08	---	---	---	.08	.62	.50	.15	.52	.23	.39	1.58	3.10
17. Other costs not shown	.13	.13	.90	6.00	5.13	---	6.42	6.07	1.67	10.61	10.36	11.50	10.28	9.60	9.23	13.67
18. What land cash rents for	8.65	6.90	6.99	25.76	25.35	23.71	23.82	23.48	95.60	90.81	98.12	55.80	56.06	57.38	105.47	---
19. Total cost per acre	33.08	29.49	34.24	27.42	25.76	25.35	23.71	23.82	23.48	95.60	90.81	98.12	55.80	56.06	57.38	105.47
20. Yield per acre	.30	.29	.26	.17	.15	.14	.27	.28	.24	1.08	.91	1.24	3.55	3.41	3.20	7.87
21. Cost per bushel or pound	1.10	1.02	1.32	1.61	1.72	1.81	.88	.85	.98	.89	1.00	.79	.16	.16	.18	.13
22. Price received for product	.87	.94	1.09	1.44	1.49	1.51	.71	.74	.77	1.52	1.53	.66	.12	.20	.19	.17
23. Value of product per acre	26.43	27.57	28.93	24.22	21.88	20.46	20.12	20.61	21.15	152.46	135.92	79.35	41.18	66.95	60.05	133.80
24. Value of by-product	3.15	3.95	4.27	2.35	2.66	2.80	2.67	2.91	2.33	---	---	---	6.38	10.32	8.59	---
25. Value of land	73.00	77.00	71.37	63.00	81.00	73.91	74.00	82.00	73.05	103.00	102.00	94.64	76.00	76.00	84.37	85.71
26. Land tax	2.46	1.33	1.36	1.75	1.14	1.13	2.87	1.25	1.18	2.55	1.61	1.61	2.64	1.59	1.43	1.20
27. Net cost per acre	29.93	25.54	29.97	25.07	23.10	22.55	21.04	20.91	21.15	95.60	90.81	98.12	49.42	45.74	48.79	105.47
28. Profit or loss	-3.50	+2.03	-1.04	-.85	-1.22	-2.09	-.92	-.30	0	+56.86	+45.11	-18.77	-8.24	+21.21	+11.26	+28.33

NOTE: The cost of production information indicated above was reported by a large number of farmers from many parts of North Carolina. Only those reports showing intelligence and reasonableness were included. It was only too evident that our farmers need to familiarize themselves with information of this kind and should welcome the opportunity of co-operating in such investigations. This report includes reports sent directly to Washington as well as those sent to Raleigh for 1926 and 1927, and should replace any previously published by us. The 1928 figures will be revised next year by the inclusion of Washington data which is not available at this time.

4. This item includes twine, sacks, sheeting, barrels, crates, and other materials used in harvesting these crops.

9. Buildings, like implements, depreciate and enter into farm storage costs which are usually overlooked.

11. This item includes preparing seed for planting and replanting.

14. This includes cutting, shocking, stacking, shucking, picking, digging, tying, curing, and fire wood.

16. Few farmers appreciate the meaning of this item and consequently greatly underestimate it as shown here. This includes repairing fences, roadways, telephone, ditching, and other general farm expenses including unallotted supervision.

18. This includes the value that the particular cultivated land in question would bring if rented out. It is included to represent the interest on the land investment.

24. This includes corn stover, fodder, tops, straw of grain, and seed cotton, etc.

SPECIAL ARTICLES CONCERNING THE RELATION OF STATISTICS TO AGRICULTURAL RELIEF AND IMPROVEMENT.

*The Purpose of the Federal Department of Agriculture*  
Arthur M. Hyde, Secretary of U. S. Dept. of Agriculture, p. 29.

*Thinking of the Future*  
O. Max Gardner, Governor of North Carolina, p. 29.

*Service to Farmers by the Bureau of Economics*  
Nils A. Olson, Chief United States Agricultural Economics, p. 29.

*Farmers Must Co-operate for Farm Relief*  
B. W. Kilgore, Pres. American Cotton Growers Association, p. 43.

*Statistics are Indispensable to Successful Business*  
W. F. Callander, Chairman U. S. Crop Reporting Board, p. 12.

*We Need to Know Foreign Trends*  
O. C. Stein, Historical and Research Div., Bu. Agr. Economics, p. 42.

*State Trends in Relation to Marketing*  
Geo. R. Ross, Director of State-Owned Farms, p. 29.

*The Individual Farmer Needs More Information*  
U. B. Blalock, Gen. Manager N. C. Cotton growers Ass'n, p. 29.

*Value of Statistics to the Tobacco Grower*  
Chas. E. Gage, in Charge Tobacco Section, Bu. Agr. Economics, p. 8.

*The Role of Prices in Agricultural Economics*  
Chas. F. Sarle, Agr. Statistician U. S. Bu. Agr. Economics, p. 41.

*No Producer can Afford to Operate Without Facts*  
C. G. Yates, Vice-President Vick Chemical Company, p. 29.

*Use of Statistics in Farm Organization and Management*  
G. W. Forster, Agricultural Economist, N. C. State College, p. 33.

*Why Crop Forecasts?*  
Joseph A. Becker, Vice-Chairman Crop Reporting Board, p. 8.

COST OF PRODUCING CROPS

While the facts presented above indicate the business basis of the per acre cost of producing crops and should, therefore, be recognized as the minimum that the farmer is due so as not to lose money, yet they do not represent the actual out-lay of expenses in such production. Several of these cost factors are elusive or otherwise not appreciated, such as the wear and depreciation of implements and buildings. While the farm labor may be done by members of the family, yet the family expenses are appreciable and this expense should be recognized and allowed for in the services contributed by field work. The economic usage of the crops produced is quite as important as the cost factors. The 1926 and 1927 data combines reports collected by us and those of the Federal Division of Farm Management and Costs. That for 1928 is ours only.



Perquimans County barnyard with drove of "grass killers."

AVERAGE VALUE PER ACRE OF FARM LANDS IN NORTH CAROLINA

COUNTY	U. S. CENSUS			ALL FARM LAND				ALL PLOW LAND	
	Land and Buildings	Land Exclud- ing Buildings	Land	With Im- provements		Without Im- provements		1928	1929
				1925	1928	1929	1928		
Alamance	1920	1925	1925	1928	1929	1928	1929	1928	1929
Alexander	34.39	37.20	24.20	36.00	36.00	27.00	27.00	47.00	45.00
Alleghany	33.71	39.44	29.28	45.00	43.00	32.00	32.00	47.00	47.00
Anson	42.94	45.04	36.64	49.00	51.00	34.00	35.00	56.00	55.00
Ashe	38.75	35.08	25.50	56.00	55.00	32.00	31.00	41.00	39.00
Avery	45.78	49.59	39.73	55.00	56.00	39.00	39.00	61.00	61.00
Beaufort	29.33	34.42	23.67	49.00	46.00	31.00	29.00	56.00	52.00
Bertie	69.92	52.01	40.07	74.00	73.00	62.00	61.00	82.00	83.00
Bladen	48.46	45.91	35.69	54.00	49.00	38.00	35.00	59.00	61.00
Brunswick	29.07	28.11	20.60	48.00	48.00	30.00	31.00	45.00	49.00
Buncombe	13.98	15.78	10.66	42.00	39.00	27.00	24.00	51.00	50.00
Burke	63.12	89.32	65.11	68.00	71.00	58.00	59.00	84.00	82.00
Cabarrus	30.40	47.82	35.13	45.00	46.00	34.00	33.00	61.00	55.00
Caldwell	45.80	50.48	37.24	56.00	52.00	37.00	33.00	48.00	47.00
Camden	32.37	37.07	25.58	42.00	45.00	33.00	34.00	54.00	54.00
Carteret	51.47	48.35	38.17	67.00	63.00	43.00	42.00	75.00	77.00
Caswell	35.76	47.43	34.91	50.00	48.00	30.00	29.00	55.00	54.00
Catawba	32.03	29.22	20.14	40.00	39.00	26.00	24.00	43.00	43.00
Chatham	50.06	57.19	41.36	52.00	51.00	36.00	36.00	57.00	56.00
Cherokee	26.29	25.11	16.88	41.00	40.00	26.00	22.00	35.00	35.00
Chowan	14.77	18.50	14.06	57.00	54.00	33.00	30.00	57.00	53.00
Clay	54.83	76.45	58.46	55.00	55.00	43.00	39.00	69.00	68.00
Cleveland	30.30	22.72	17.75	52.00	52.00	30.00	28.00	55.00	52.00
Columbus	69.98	77.91	62.12	63.00	62.00	48.00	49.00	74.00	69.00
Craven	38.24	39.47	27.66	60.00	58.00	44.00	41.00	67.00	64.00
Cumberland	68.69	49.84	38.30	54.00	56.00	35.00	36.00	62.00	61.00
Currituck	57.94	48.07	34.78	64.00	67.00	43.00	44.00	61.00	59.00
Dare	42.22	54.50	39.32	62.00	67.00	45.00	44.00	69.00	72.00
Davidson	27.72	25.31	14.27	51.00	51.00	34.00	33.00	60.00	60.00
Davie	44.74	53.48	40.60	56.00	57.00	38.00	41.00	58.00	58.00
Duplin	39.34	43.47	33.34	46.00	48.00	32.00	39.00	52.00	54.00
Durham	56.45	43.09	30.42	61.00	56.00	41.00	36.00	66.00	60.00
Edgecombe	44.97	52.66	36.31	36.00	37.00	30.00	26.00	43.00	44.00
Forsyth	93.93	75.42	59.69	63.00	64.00	43.00	41.00	56.00	55.00
Franklin	72.90	83.36	62.98	64.00	65.00	46.00	48.00	63.00	63.00
Gaston	67.08	47.34	32.81	48.00	45.00	36.00	32.00	55.00	51.00
Gates	62.39	74.44	55.40	60.00	59.00	45.00	44.00	69.00	64.00
Graham	44.04	44.49	30.45	45.00	47.00	32.00	30.00	49.00	52.00
Granville	16.54	20.25	16.13	42.00	40.00	22.00	21.00	52.00	49.00
Greene	43.42	36.30	23.88	43.00	41.00	25.00	23.00	48.00	46.00
Guilford	147.29	83.53	66.25	76.00	74.00	56.00	56.00	83.00	82.00
Halifax	55.01	66.09	48.96	65.00	64.00	48.00	49.00	69.00	65.00
Harnett	62.15	47.75	36.81	49.00	48.00	35.00	33.00	45.00	49.00
Haywood	62.43	54.22	41.46	65.00	66.00	41.00	41.00	62.00	59.00
Henderson	50.19	51.46	39.41	54.00	53.00	36.00	36.00	55.00	56.00
Hertford	44.64	65.32	43.54	59.00	66.00	49.00	52.00	69.00	65.00
Hoke	53.73	50.13	39.44	49.00	50.00	34.00	32.00	60.00	60.00
Hyde	74.17	62.92	48.88	62.00	61.00	44.00	41.00	65.00	61.00
Iredell	57.91	54.48	43.69	71.00	70.00	56.00	54.00	84.00	81.00
Johnson	48.14	48.37	35.25	52.00	52.00	35.00	34.00	55.00	55.00
Jones	23.00	27.15	19.59	53.00	49.00	29.00	26.00	55.00	55.00
Lee	89.73	68.33	52.21	71.00	68.00	53.00	48.00	71.00	70.00
Lenoir	46.08	38.77	29.29	48.00	47.00	29.00	27.00	52.00	52.00
Lincoln	40.82	47.78	32.41	45.00	43.00	29.00	29.00	41.00	41.00
McDowell	111.46	71.58	53.83	68.00	67.00	42.00	38.00	74.00	68.00
Macon	44.39	57.36	42.20	55.00	54.00	36.00	37.00	59.00	58.00
Madison	21.37	28.37	21.06	42.00	43.00	34.00	30.00	57.00	55.00
Martin	20.72	22.79	17.80	54.00	53.00	31.00	27.00	60.00	57.00
Mecklenburg	31.92	33.84	26.71	50.00	49.00	33.00	32.00	60.00	58.00
Mitchell	65.45	60.38	46.56	73.00	71.00	61.00	58.00	69.00	67.00
Montgomery	64.41	78.43	58.44	62.00	61.00	49.00	46.00	67.00	67.00
Moore	34.50	41.55	30.33	50.00	48.00	29.00	26.00	54.00	50.00
Nash	23.25	32.31	22.83	41.00	39.00	25.00	24.00	36.00	36.00
New Hanover	32.13	35.42	24.77	45.00	44.00	29.00	28.00	52.00	45.00
Northampton	122.43	74.38	56.84	52.00	53.00	41.00	36.00	59.00	54.00
Onslow	88.82	93.84	62.79	97.00	94.00	70.00	66.00	126.00	120.00
Orange	49.86	56.28	42.38	53.00	52.00	37.00	36.00	57.00	58.00
Pamlico	31.19	24.69	18.64	42.00	40.00	26.00	23.00	50.00	51.00
Pasquotank	35.10	34.34	23.20	32.00	34.00	24.00	23.00	41.00	40.00
Pender	52.77	48.88	38.78	59.00	55.00	41.00	39.00	76.00	73.00
Perquimans	67.83	90.25	71.50	68.00	74.00	51.00	48.00	81.00	84.00
Person	30.40	23.57	17.16	54.00	51.00	32.00	29.00	66.00	64.00
Pitt	46.49	49.60	34.47	50.00	50.00	44.00	40.00	71.00	73.00
Polk	43.40	40.12	28.78	41.00	40.00	25.00	25.00	47.00	44.00
Randolph	138.18	81.82	62.60	86.00	83.00	60.00	59.00	88.00	84.00
Richmond	35.53	35.72	27.68	50.00	46.00	37.00	34.00	60.00	58.00
Robeson	29.74	34.53	23.88	45.00	44.00	27.00	26.00	42.00	36.00
Rockingham	43.26	46.61	33.25	58.00	56.00	35.00	33.00	44.00	41.00
Rowan	85.07	68.92	52.70	61.00	60.00	44.00	40.00	61.00	59.00
Rutherford	41.99	38.73	27.32	43.00	42.00	30.00	31.00	49.00	48.00
Sampson	53.21	55.80	41.61	54.00	56.00	41.00	43.00	59.00	59.00
Scotland	41.76	47.46	36.09	49.00	48.00	40.00	41.00	64.00	60.00
Stanly	63.97	54.75	38.71	60.00	63.00	43.00	43.00	67.00	64.00
Stokes	113.07	80.75	64.05	59.00	68.00	50.00	48.00	69.00	63.00
Surry	35.97	38.97	27.98	49.00	46.00	35.00	31.00	44.00	42.00
Swain	43.38	40.72	28.90	44.00	41.00	29.00	27.00	51.00	49.00
Transylvania	45.23	50.51	35.70	47.00	44.00	31.00	29.00	56.00	51.00
Tyrrell	19.93	22.91	18.28	50.00	47.00	23.00	22.00	56.00	51.00
Union	32.72	36.43	27.68	56.00	56.00	39.00	40.00	60.00	57.00
Vance	29.85	35.16	25.69	67.00	69.00	54.00	52.00	82.00	80.00
Wake	44.39	48.47	34.49	55.00	53.00	31.00	32.00	43.00	40.00
Warren	60.53	46.74	33.15	44.00	42.00	39.00	27.00	52.00	48.00
Washington	73.57	59.05	41.61	57.00	54.00	40.00	36.00	58.00	54.00
Wayne	41.18	36.28	24.87	41.00	39.00	27.00	24.00	46.00	47.00
Wilkes	60.48	49.13	36.91	70.00	66.00	52.00	49.00	76.00	72.00
Wilson	44.91	47.90	35.87	57.00	57.00	38.00	40.00	60.00	59.00
Yadkin	134.45	80.89	61.39	77.00	76.00	64.00	62.00	76.00	71.00
Yancey	24.72	28.84	20.29	44.00	46.00	31.00	28.00	52.00	56.00
State	150.76	116.72	91.81	82.00	80.00	65.00	66.00	85.00	83.00

STANDARD WEIGHTS AND MEASURES

Commodity	Bushel Weight Pounds	Rates of Seeding Per Acre	Standard Packages	Number Packages per Car
Alfalfa seed	60	20-30 lbs.		
Apples, fresh	48		Standard bbls.	160- 225
Apples, dried	24		Bushel baskets	400- 500
Barley	48	2 bu.	Bushel	
Beans, soy	60		Hamper bu.	500- 700
Beans, field	60	1-5 pks.		
Beans, castor	46		Bushel-Hamper	500- 600
Beets	50	4-6 lbs.		
Blackberries	48			
Blackberries, dried	28			
Broom corn	30			
Broom corn seed	44	2-3 lbs.		
Buck				



WAGES PAID BY NORTH CAROLINA FARMERS FOR HIRED FARM LABOR

	Mountain Districts		Piedmont Districts			Coastal Districts			State Average	South Atlantic States Average	United States Average
	Northern	Western	Northern	Central	Southern	Northern	Central	Southern			
	1	4	2	5	8	3	6	9			
July											
By month with Board, 1927	\$33.00	\$30.00	\$27.00	\$28.00	\$25.00	\$25.00	\$25.00	\$27.00	\$27.00	\$26.00	\$36.00
By month with Board, 1928	33.00	30.00	26.00	29.00	24.00	27.00	26.00	25.00	27.50	25.38	35.39
By month without Board, 1927	44.00	39.00	38.00	41.00	36.00	36.00	38.00	38.00	38.00	37.00	50.00
By month without Board, 1928	45.00	47.00	37.00	41.00	37.00	36.00	38.00	37.00	39.00	36.22	49.32
By day with Board, 1927	1.58	1.54	1.58	1.38	1.29	1.33	1.34	1.22	1.40	1.36	1.89
By day with Board, 1928	1.57	1.66	1.51	1.48	1.27	1.47	1.31	1.20	1.45	1.33	1.84
By day without Board, 1927	2.09	2.03	2.00	1.89	1.70	1.74	1.75	1.58	1.75	1.78	2.44
By day without Board, 1928	2.03	2.19	1.96	1.81	1.70	1.81	1.71	1.61	1.85	1.75	2.39
October											
By month with Board, 1927	32.00	30.00	28.00	28.00	25.00	25.00	26.00	25.00	28.00	26.00	36.00
By month with Board, 1928	30.00	30.00	26.00	30.00	25.00	27.00	27.00	29.00	27.75	25.43	35.75
By month without Board, 1927	44.00	40.00	38.00	39.00	35.00	37.00	36.00	36.00	38.00	36.00	48.00
By month without Board, 1928	42.00	44.00	37.00	40.00	38.00	38.00	36.00	42.00	39.25	35.78	49.60
By day with Board, 1927	1.55	1.60	1.62	1.46	1.32	1.35	1.38	1.25	1.40	1.35	1.96
By day with Board, 1928	1.55	1.75	1.68	1.35	1.25	1.43	1.28	1.20	1.50	1.38	1.96
By day without Board, 1927	2.00	2.10	1.03	1.87	1.69	1.77	1.75	1.65	1.75	1.78	2.51
By day without Board, 1928	2.02	2.15	2.21	1.90	1.55	1.78	1.79	1.60	1.90	1.78	2.51
January											
By month with Board, 1928	30.00	28.00	30.00	32.00	26.00	27.00	26.00	25.00	28.00	25.00	33.00
By month with Board, 1929	29.00	27.00	27.00	26.00	24.00	31.00	23.00	25.00	27.00	24.47	33.04
By month without Board, 1928	42.00	42.00	43.00	47.00	36.00	37.00	37.00	38.00	40.00	36.00	47.00
By month without Board, 1929	42.00	41.00	39.00	39.00	38.00	46.00	35.00	34.00	40.00	35.18	47.24
By day with Board, 1928	1.61	1.53	1.60	1.40	1.40	1.40	1.34	1.11	1.47	1.31	1.76
By day with Board, 1929	1.45	1.57	1.61	1.45	1.31	1.33	1.25	1.22	1.40	1.29	1.78
By day without Board, 1928	2.03	2.02	2.18	1.94	1.75	1.79	1.76	1.87	1.92	1.74	2.34
By day without Board, 1929	1.87	2.07	2.04	1.89	1.73	1.77	1.66	1.57	1.85	1.69	2.34
April											
By month with Board, 1928	29.00	29.00	27.00	27.00	25.00	24.00	28.00	22.00	27.00	24.89	34.46
By month with Board, 1929	30.00	29.00	28.00	26.00	24.00	22.00	25.00	25.00	26.25	24.20	34.68
By month without Board, 1928	41.00	43.00	40.00	39.00	34.00	35.00	34.00	35.00	37.00	35.20	48.44
By month without Board, 1929	42.00	48.00	38.00	36.00	35.00	35.00	39.00	37.00	38.50	35.10	49.00
By day with Board, 1928	1.60	1.57	1.56	1.38	1.28	1.38	1.35	1.19	1.40	1.31	1.78
By day with Board, 1929	1.55	1.58	1.51	1.30	1.33	1.32	1.39	1.16	1.40	1.28	1.79
By day without Board, 1928	2.07	2.05	2.12	1.86	1.72	1.77	1.72	1.58	1.85	1.72	2.34
By day without Board, 1929	2.00	1.95	2.15	1.75	1.72	1.66	1.79	1.52	1.80	1.66	2.34

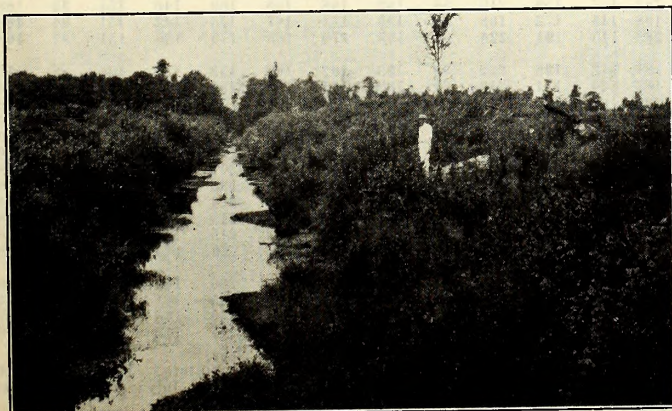
CASH RENTS FOR LAND IN NORTH CAROLINA

Average Cash rents for farms rented entirely for cash, 1928	8.20	9.29	6.79	5.96	6.08	8.23	9.70	7.30	7.66
Average Cash rents for farms rented entirely for cash, 1929	5.86	6.86	4.13	5.82	5.45	8.18	8.63	6.52	6.75
Value per acre of such Farms, 1928	50.00	87.00	45.00	49.00	51.00	56.00	97.00	56.00	61.00
Value per Acre of such Farms, 1929	44.00	69.00	39.00	49.00	42.00	57.00	88.00	63.00	59.00
Average Cash rent per acre for plow land, 1928	10.33	11.09	7.83	9.17	7.02	10.17	10.20	8.47	9.16
Average Cash rent per acre for plow land, 1929	7.86	10.14	6.20	8.00	7.50	10.69	11.57	7.90	9.15
Value per Acre such Land, 1928	65.00	112.00	47.00	67.00	55.00	68.00	94.00	66.00	70.00
Value per Acre such Land, 1929	122.00	95.00	49.00	52.00	49.00	67.00	98.00	78.00	77.00
Cash rent for pasture or grazing land, 1928	7.23	2.81	2.84	1.46	3.25	2.06	2.39	3.20	3.35
Cash rent for pasture or grazing land, 1929	4.06	1.80	2.33	4.16	2.18	4.33	4.81	3.43	3.25
Value per Acre such Land, 1928	32.00	45.00	29.00	29.00	33.00	22.00	37.00	33.00	33.00
Value per Acre such Land, 1929	34.00	37.00	28.00	42.00	38.00	17.00	40.00	40.00	37.00

USE OF STATISTICS IN FARM ORGANIZATION AND MANAGEMENT

by  
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The great Painter, Whistler, remarked on one occasion that his success as an artist was due to mixing brains with his paints. This formula is applicable to farming as indeed to every form of human industry. Probably the chief reason



A drainage ditch in Beaufort County—15 ft. deep.

why farmers are not successful is that they do not study their business as closely as modern conditions demand. That is, they have failed to mix brains with their work.

All modern business, including farming, requires constant adjustment in order to get the maximum profits. These adjustments must be made with an eye to the future rather than to the present or past. Business men are uniformly successful because they adjust their production in anticipation of market conditions. However, it is uniformly true that farmers react to prices at planting time. For example, when cotton prices are high at planting time invariably farmers will increase their acreage in cotton, and when prices are low at planting time he will reduce his acreage. The result of this type of reaction is that he over-supplies the market in one case, receiving low prices, and in the other case he has relatively little cotton to sell when prices are high. Therefore, the average farmer misses the market every year.

It is possible with the information provided by the statistical departments of the State and Federal governments for farmers to make adjustments which will enhance their earning power.

One of the most valuable types of information for adjusting production is the "Intention to Plant" report, which appear each year just about the time the farmer is making his plans for the year. These reports show the probabilities of farmers' intentions and offer the alert farmer an idea of how he should act in order to take advantage of the situation. Evidently, if all farmers are planning to increase, let us say the acreage devoted to peanuts and plan to reduce the acreage in some other crop, these facts should be recognized and readjustments made accordingly before the plantings are made.

Another type of useful information is the "Outlook" report which gives a summary of all the facts relating to the important crops production in the United States. The object of these reports is to give the farmers an idea of prices when their crops and livestock products are ready for the market. If the farmer will act upon the information conveyed by these two reports, it is possible for him to increase his profits markedly. In fact, several studies have shown that alert farmers are actually doing this and accomplishing excellent results.

PRICES PAID TO NORTH CAROLINA PRODUCERS FOR FARM PRODUCTS

This table shows yearly, and monthly comparisons and price trends. These prices are those paid to farmers and NOT retail prices.

Unit	1924	1925	1926	1927	1928												1929		
	Mar.	Mar.	Mar.	Mar.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.		
<b>Farm Crops:</b>																			
Corn	1.10	1.49	1.06	.82	.97	1.03	1.12	1.17	1.22	1.24	1.22	1.17	1.10	1.06	1.09	1.12	1.17		
Wheat	1.36	2.10	1.87	1.43	1.55	1.65	1.87	1.84	1.59	1.46	1.43	1.45	1.52	1.49	1.49	1.51	1.49		
Oats	.77	.85	.70	.63	.80	.81	.83	.87	.84	.80	.75	.78	.78	.76	.79	.79	.80		
Barley				1.25	1.26	1.22	1.35	1.36	1.33	1.26	1.21	1.42	1.46	1.40	1.33	1.38	1.35		
Rye	1.28	1.51	1.35	1.20	1.38	1.38	1.43	1.42	1.44	1.36	1.39	1.46	1.47	1.48	1.47	1.43	1.39		
Cotton, (lint)	.285	.246	.172	.131	.18	.19	.20	.20	.21	.19	.18	.18	.18	.187	.186	.184	.197		
Cottonseed	45.00	39.90	34.50	31.00	40.00	43.00	43.00	43.00	42.00	39.00	36.00	35.00	40.00	42.00	42.00	43.00	43.00		
Irish Potatoes	1.20	1.21	3.00	1.80	1.50	1.55	1.60	1.25	.75	.70	.70	.85	.85	.85	.90	.85	.95		
Sweet Potatoes	1.14	1.45	1.40	1.15	1.00	1.05	1.05	1.05	1.00	1.25	1.15	1.10	.95	.95	.95	1.00	1.05		
Apples	1.80	1.29							.90	.85	.80	.85	.95	1.00	1.10	1.10	1.35		
Apples	5.00	4.50							4.40	2.90	2.75	2.40	2.55	2.85	3.00	3.30	4.00		
Tobacco	25.00										14.42	15.05	20.45	18.95	16.30				
<b>Livestock (Live wt.):</b>																			
Hogs	9.80	11.40	11.50	12.50	9.10	9.00	9.10	9.80	9.90	10.00	10.40	10.70	10.20	9.90	9.40	9.40	9.70		
Beef Cattle	5.00	5.30	5.60	6.10	7.40	7.60	7.40	7.90	7.60	7.90	7.80	8.10	8.00	7.40	7.50	7.50	7.80		
Veal Calves	6.50	8.40	7.80	9.00	10.70	11.00	10.00	10.00	11.00	11.00	10.80	11.40	11.30	10.70	10.60	10.80	11.00		
Sheep	6.50	7.30	6.90	7.00	8.30	8.70	8.50	8.40	8.30	8.20	8.70	8.30	8.70	8.30	8.10	7.80	7.70		
Lambs	8.00	11.30	11.10	11.00	12.70	12.10	11.60	12.40	12.00	10.80	10.90	10.60	11.00	10.60	11.40	11.20	11.11		
<b>Livestock and Products:</b>																			
Milk Cows	43.00	45.10	45.00	56.00	70.00	72.00	73.00	72.00	72.00	72.00	74.00	74.00	73.00	73.00	71.00	71.00	72.00		
Horses	100.00	96.00	85.00	88.00	92.00	95.00	95.00	95.00	95.00	95.00	91.00	88.00	88.00	87.00	87.00	88.00	91.00		
Mules			109.00	120.00	140.00	145.00	145.00	145.00	140.00	140.00	135.00	135.00	135.00	135.00	135.00	135.00	135.00		
Butter	.38	.35	.38	.37	.39	.38	.41	.40	.37	.37	.38	.39	.40	.40	.38	.38	.37		
Wool (unwashed)	.38	.39	.38	.36	.36	.40	.40	.42	.42	.41	.45	.43	.43	.44	.41	.43	.44		
Eggs	.22	.23	.24	.22	.21	.22	.23	.25	.27	.26	.33	.38	.42	.44	.35	.31	.29		
Chickens (live wt.)	.20	.20	.22	.22	.21	.21	.24	.25	.25	.24	.23	.23	.23	.22	.21	.22	.23		
Turkeys (live wt.)												.28	.30	.30	.29				
<b>Hay Crops:</b>																			
Hay, all (loose)	21.00	19.20		19.00	17.10	17.40	17.90	18.00	18.00	17.30	17.30	17.20	17.20	17.20	18.10	18.60	18.60		
Timothy, (loose)	23.00	23.30	28.00	25.00	17.70	19.70	21.50	20.00	21.00	19.00	20.00	20.00	20.00	20.00	21.50	21.00	21.00		
Clover hay, (loose)	23.00	16.00	25.50	24.00	20.00	19.00	20.00	19.00	21.00	19.00	20.00	19.60	20.00	19.80	20.20	20.30	21.30		
Alfalfa (loose)				26.00	22.00	20.30	21.00	20.00	22.00	20.00	22.00	21.00	21.00	22.00	23.00	23.00	24.00		
Prairie (loose)	16.00			17.00	16.00	14.00	15.00	13.50	15.00	15.30	13.50	15.00	15.60	16.50	17.50	18.50	17.90		

INDEX NUMBERS OF NORTH CAROLINA FARM PRICES FOR 1926-1928

Based on Five-Year Period--August, 1909-July, 1914, 100 Per Cent

YEARS MONTHS	RELATIVE FARM PRICES																			Index Agr. Products (N. C.)	Index Non-Agr. Products (U. S.)	Purchasing Power Farm Products (N. C.)	Purchasing Power Non-Agr. Products	Purchasing Power Farm Products (U. S.)				
	Corn	Wheat	Oats	Rye	Irish Potatoes	Sweet Potatoes	Cotton	Cotton Seed	All Hay	Beef Cattle	Milk Cows	Veal Calves	Hogs	Sheep	Lambs	Horses	Chickens	Eggs	Butter						Wool			
<b>1926</b>																												
January	126	170	119	147	304	194	148	135	126	122	136	162	161	152	207	48	188	171	167	182	132	165	80	125	87			
February	127	173	116	146	332	205	150	131	129	120	139	168	157	149	219	58	197	185	158	173	134	164	82	122	87			
March	122	165	109	136	319	184	137	140	129	133	131	146	156	169	230	57	198	141	158	182	131	162	81	124	87			
April	121	157	114	140	365	176	139	153	130	119	140	162	152	180	210	53	197	180	158	172	130	160	81	123	88			
May	113	163	109	131	361	184	133	145	124	135	148	167	162	179	226	59	218	173	163	132	132	160	83	121	87			
June	112	159	111	136	323	202	123	150	120	130	139	146	168	184	223	55	255	175	161	163	129	160	81	124	87			
July	113	144	103	133	191	227	128	151	122	145	145	153	169	177	217	53	198	171	161	172	130	159	82	122	85			
August	111	134	105	138	185	202	134	142	126	143	146	149	174	176	212	55	203	165	168	172	130	160	81	123	83			
September	112	132	103	133	200	184	137	137	140	147	153	140	172	164	205	53	189	165	165	169	130	161	81	124	83			
October	109	123	111	122	179	154	101	101	118	148	151	173	163	178	209	52	188	168	154	179	118	160	74	136	81			
November	104	125	111	123	207	135	95	90	132	149	150	164	162	188	228	54	192	179	163	179	116	161	72	139	80			
December	101	126	111	126	205	159	89	81	120	139	151	161	164	201	233	49	191	196	158	175	113	158	72	140	80			
<b>1927</b>																												
January	99	127	106	122	200	143	94	88	116	149	151	168	168	196	237	51	196	158	154	159	114	156	73	137	81			
February	98	127	111	121	190	140	101	109	114	141	161	164	169	195	205	54	199	145	158	159	116	155	75	134	82			
March	94	127	106	121	191	151	104	126	113	145	163	169	169	171	228	59	202	129	154	172	118	153	77	130	82			
April	94	121	105	115	188	131	104	126	111	142	166	162	150	173	190	58	196	147	150	167	116	151	77	130	83			
May	92	123	105	115	186	132	113	113	110	140	168	182	152	177	205	61	206	147	146	159	118	150	79	127	84			
June	98	127	105	115	215	140	118	120	111	141	159	170	151	182	205	60	243	138	152	154	121	150	81	124	86			
July	103	133	106	112	197	167	119	126	113	147	171	173	154	172	200	57	180	141	161	167	123	151	81	123	87			
August	107	131	111	121	173	167	138	140	113	152	176	185	159	187	203	59	186	159	164	167	130	151	86	116	88			
September	113	131	114	126	156	158	171	154	114	169	187	177	158	176	197	56	172	175	157	179	141	152	93	108	92			
October	113	129	111	129	148	131	168	159	120	170	194	185	137	159	213	56	182	168	158	169	140	151	93	108	92			
November	111	127	113	133	146	136	168	162	109	182	195	198	145	172	198	56	190	171	167	175	142	151	94	106	91			
December	108	130	118	135	151	127	153	15																				

TEN YEARS OF CROP TRENDS FOR NORTH CAROLINA

CORN

Year	Acreage	Yield per acre (Bushel)	Production (Bushel)	Price Dec. 1	Total Value
1928	2,305,000	18.5	42,642,000	1.03	43,921,260
1927	2,352,000	22.8	53,626,000	.91	48,799,660
1926	2,376,000	22.0	52,272,000	.88	45,999,000
1925	2,400,000	18.5	44,400,000	1.10	48,840,000
1924	2,317,000	18.0	41,706,000	1.24	51,715,000
1923	2,603,000	22.5	58,568,000	1.02	59,739,000
1922	2,577,000	20.0	51,540,000	.89	45,871,000
1921	2,552,000	19.3	49,254,000	.78	38,418,000
1920	2,428,000	22.3	54,630,000	1.13	61,732,000
1919	2,531,000	19.0	48,089,000	1.85	88,965,000

WHEAT

Year	Acreage	Yield per acre (Bushel)	Production (Bushel)	Price Dec. 1	Total Value
1928	444,000	11.6	5,150,000	1.52	7,828,000
1927	483,000	10.7	5,168,000	1.45	7,493,600
1926	447,000	14.1	6,303,000	1.43	9,013,000
1925	406,000	11.0	4,466,000	1.71	7,637,000
1924	414,000	12.0	4,968,000	1.60	7,949,000
1923	544,000	11.1	6,038,000	1.28	7,729,000
1922	600,000	9.0	5,400,000	1.36	7,344,000
1921	600,000	7.5	4,500,000	1.44	6,480,000
1920	680,000	11.7	7,956,000	2.10	16,708,000
1919	705,000	7.9	5,570,000	2.33	12,978,000

OATS

Year	Acreage	Yield per acre (Bushel)	Production (Bushel)	Price Dec. 1	Total Value
1928	191,000	22.0	4,202,000	.78	3,277,560
1927	273,000	21.0	5,733,000	.72	4,127,760
1926	310,000	22.0	6,820,000	.69	4,706,000
1925	258,000	19.0	4,902,000	.76	3,726,000
1924	258,000	18.0	4,644,000	.84	3,901,000
1923	231,000	22.0	5,082,000	.74	3,761,000
1922	220,000	21.0	4,620,000	.67	3,095,000
1921	170,000	18.0	3,060,000	.70	2,142,000
1920	154,000	22.0	3,388,000	.96	3,252,000
1919	170,000	16.7	2,839,000	1.06	3,009,000

RYE

Year	Acreage	Yield per acre (Bushel)	Production (Bushel)	Price Dec. 1	Total Value
1928	89,000	11.5	1,024,000	1.45	1,484,800
1927	94,000	12.0	1,128,000	1.35	1,522,800
1926	104,000	13.0	1,352,000	1.25	1,690,000
1925	80,000	11.5	920,000	1.57	1,444,000
1924	71,000	9.0	639,000	1.49	952,000
1923	75,000	10.4	780,000	1.35	1,053,000
1922	60,000	8.0	480,000	1.20	576,000
1921	39,000	7.0	273,000	1.25	341,000
1920	43,000	9.5	408,000	1.90	775,000
1919	44,000	8.6	390,000	2.10	819,000

BARLEY

Year	Acreage	Yield per acre (Bushel)	Production (Bushel)	Price Dec. 1	Total Value
1928	32,000	23.0	736,000	1.20	883,200
1927	20,000	24.0	480,000	1.10	528,000
1926	15,000	26.0	390,000	1.00	390,000
1925	10,000	23.0	230,000	1.20	276,000
1924	7,000	23.0	161,000	1.10	177,000
1923	4,000	24.0	96,000	.95	91,200
1922	2,400	23.0	55,200	1.00	55,200
1921	1,420	22.0	31,240	1.00	31,240
1920	1,000	26.0	26,000	1.35	35,100
1919	800	20.0	16,000	1.45	23,200

SWEET POTATOES

Year	Acreage	Yield per acre (Bushel)	Production (Bushel)	Price Dec. 1	Total Value
1928	80,000	98	7,840,000	.85	6,664,000
1927	89,000	114	10,146,000	.80	8,116,800
1926	84,000	90	7,560,000	1.00	7,560,000
1925	80,000	88	7,040,000	1.20	8,448,000
1924	80,000	92	7,360,000	1.04	7,654,000
1923	100,000	105	10,500,000	.98	10,290,000
1922	110,000	113	12,430,000	.80	9,944,000
1921	102,000	101	10,302,000	.97	9,993,000
1920	99,000	104	10,296,000	1.14	11,737,000
1919	87,000	107	9,309,000	1.38	12,846,000

IRISH POTATOES (all)

Year	Acreage	Yield per acre (Bushel)	Production (Bushel)	Price Dec. 1	Total Value
1928	95,000	111	10,545,000	.65	6,854,250
1927	72,000	102	7,368,000	1.50	11,052,000
1926	67,000	94	6,325,000	1.60	10,120,000
1925	58,000	78	4,524,000	1.80	8,143,000
1924	59,000	105	6,195,000	1.12	6,938,400
1923	46,000	86	3,956,000	1.20	4,747,000
1922	50,000	94	4,700,000	1.01	4,747,000
1921	46,000	88	4,048,000	1.43	5,789,000
1920	46,000	91	4,186,000	1.43	5,944,000
1919	47,000	80	3,760,000	1.63	6,129,000

IRISH POTATOES (commercial early)

Year	Acreage	Yield per acre (Bushel)	Production (Bushel)	Price Dec. 1	Total Value
1928	46,400	138	6,403,000	.54	3,458,000
1927	36,000	120	4,320,000	1.91	8,251,200
1926	32,000	120	3,840,000	1.68	6,451,000
1925	22,100	97	2,144,000	1.28	2,744,000
1924	26,000	140	3,640,000	.95	3,458,000
1923	16,340	108	1,765,000	1.29	2,277,000
1922	19,730	124	2,447,000	1.31	3,206,000
1921	17,750	124	2,201,000	1.08	2,377,000
1920	18,415	124	2,305,000	2.85	6,569,250
1919	18,150	110	1,747,000	1.85	3,231,950

COTTON (LINT)

Year	Acreage	Yield per acre (Lbs.)	Production (Bales)	Price Dec. 1	Total Value
1928	1,883,000	212	835,000	.185	73,839,000
1927	1,728,000	238	861,000	.195	83,948,000
1926	1,985,000	292	1,213,000	.115	69,748,000
1925	2,017,000	261	1,102,000	.190	104,671,000
1924	2,005,000	196	825,000	.226	93,262,000
1923	1,678,000	290	1,020,000	.308	157,080,000
1922	1,625,000	250	852,000	.245	104,326,000
1921	1,403,000	264	776,222	.164	63,650,000
1920	1,587,000	275	824,761	.145	67,045,000
1919	1,490,000	266	830,293	.352	146,232,000

TOBACCO

Year	Acreage	Yield per acre (Lbs.)	Production (Pounds)	Price per Pound	Total Value
1928	730,000	684	499,000,000	.192	95,808,000
1927	659,000	637	485,419,400	.223	108,248,526
1926	565,000	684	386,460,000	.250	96,615,000
1925	547,000	695	380,165,000	.230	87,438,000
1924	497,000	577	286,769,000	.258	79,986,000
1923	552,000	700	386,400,000	.210	81,144,000
1922	515,000	564	290,372,000	.276	80,143,000
1921	450,000	561	252,450,000	.260	65,637,000
1920	625,000	694	433,750,000	.253	109,739,000
1919	528,000	616	325,248,000	.536	174,333,000

PEANUTS

Year	Acreage	Yield per acre (Lbs.)	Production (Pounds)	Price Dec. 1	Total Value
1928	210,000	950	199,500,000	.049	9,775,500
1927	227,000	954	216,558,000	.045	9,745,000
1926	180,000	1,038	185,400,000	.042	7,787,000
1925	185,000	1,150	212,750,000	.039	8,297,000
1924	195,000	900	175,500,000	.054	9,477,000
1923	160,000	1,100	176,000,000	.074	13,024,000
1922	145,000	840	121,800,000	.040	4,872,000
1921	141,000	919	129,579,000	.056	7,256,000
1920	126,000	1,011	127,386,000	.056	7,134,000
1919	116,000	984	114,144,000	.101	11,528,500

TAME HAY

Year	Acreage	Yield per acre (Tons)	Production (Tons)	Price Dec. 1	Total Value
1928	770,700	.98	756,060	20.26	15,318,200
1927	824,000	.94	777,650	20.35	15,827,075
1926	759,000	.90	681,000	20.00	13,620,000
1925	710,000	.68	481,000	22.00	10,582,000
1924	695,000	.98	678,000	21.00	14,238,000
1923	784,000	1.22	955,000	20.00	19,100,000
1922	800,000	1.30	1,040,000	18.20	18,928,000
1921	690,000	1.30	897,000	19.80	17,761,000
1920	640,000	1.05	672,000	23.00	15,456,000
1919	682,000	1.02	696,000	24.20	16,843,000

SORGHUM FOR SYRUP

Year	Acreage	Yield per acre (Gallons)	Production (Gallons)	Price Dec. 1	Total Value
1928	20,000	86	1,720,000	.90	1,548,000
1927	22,000	92	2,024,000	.90	1,821,600
1926	30,000	91	2,730,000	.90	2,457,000
1925	28,000	68	1,904,000	.98	1,866,000
1924	31,000	87	2,697,000	.90	2,427,000
1923	32,000	92	2,944,000	.85	2,502,000
1922	30,000	98	2,940,000	.80	2,352,000
1921	32,000	94	3,008,000	.78	2,346,000
1920	31,000	97	3,007,000	1.00	3,007,000
1919	31,000	80	2,480,000	1.01	2,505,000

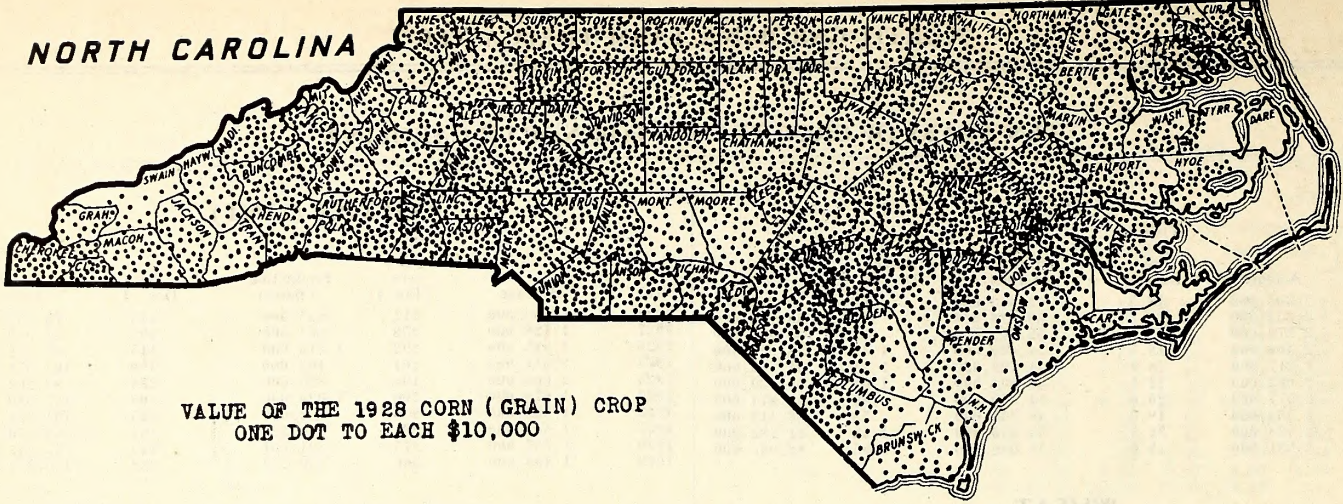
APPLES

Year	Bearing Trees	Yield per tree (Bushels)	Production (Bushels)	Price Dec. 1	Total Value
1928	4,700,000	---	5,000,000	.90	4,500,000
1927	4,730,000	---	1,825,000	1.65	3,011,000
1926	4,730,000	---	5,986,000	.85	5,088,000
1925	4,850,000	---	3,192,000	1.33	4,245,000
1924	5,025,000	---	6,350,000	1.03	6,540,000
1923	5,000,000	---	2,700,000	1.40	3,780,000
1922	4,721,000	---	6,000,000	.90	5,400,000
1921	4,271,000	---	593,000	2.50	1,482,500
1920	4,000,000	---	6,320,000	1.05	6,636,000
1919	3,474,800	---	2,500,000	1.87	4,675,000

PEACHES

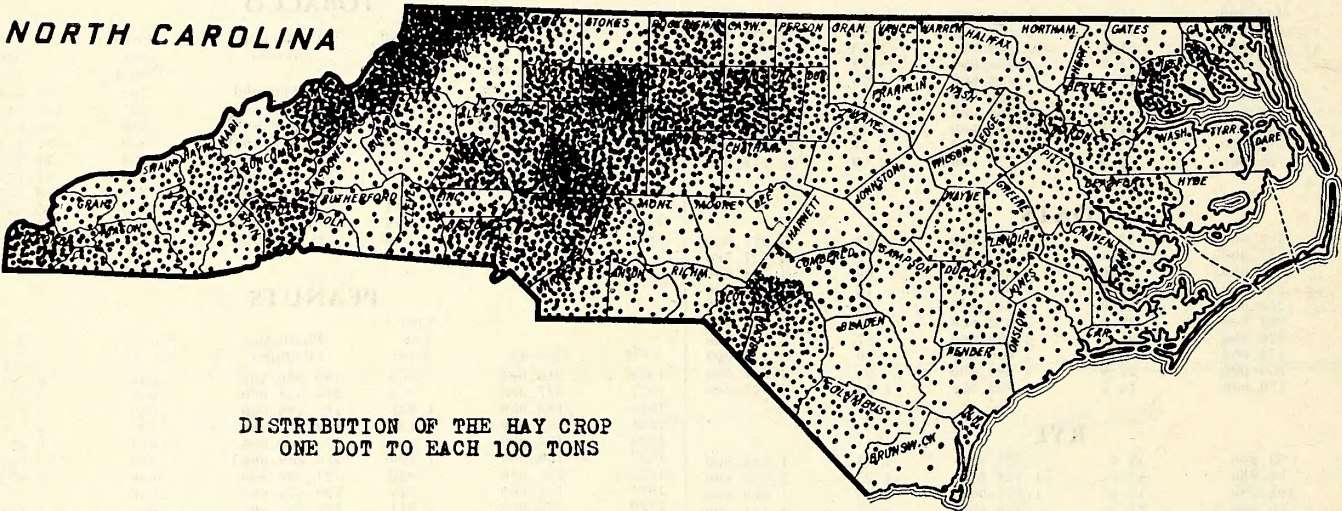
Year	Bearing Trees	Yield per tree (Bushels)	Production (Bushels)	Price Dec. 1	Total Value
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**NORTH CAROLINA**



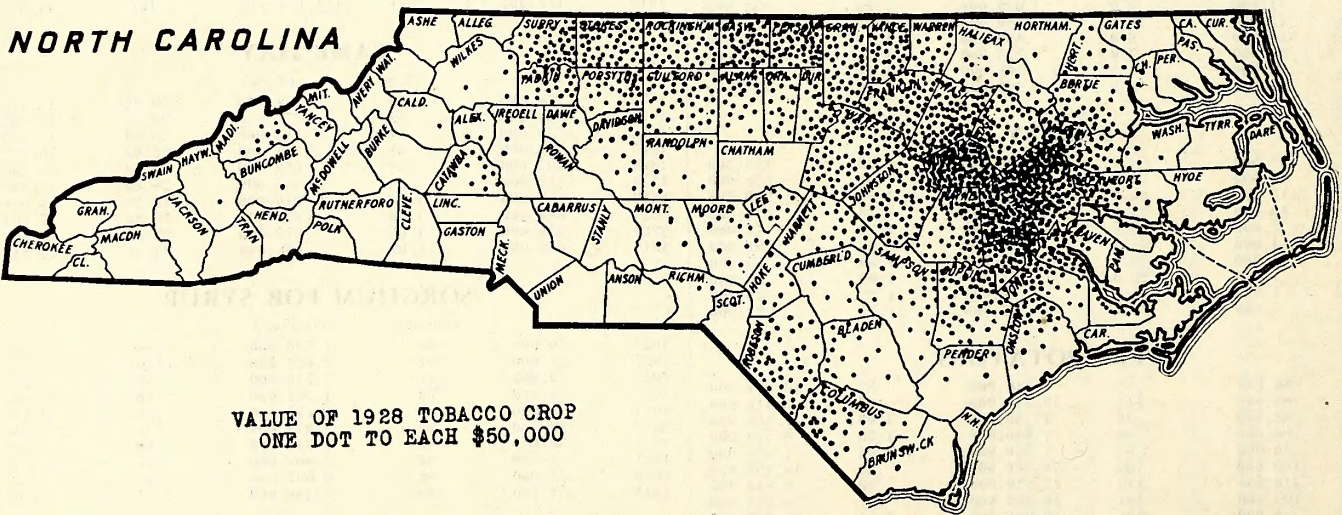
VALUE OF THE 1928 CORN (GRAIN) CROP  
ONE DOT TO EACH \$10,000

**NORTH CAROLINA**



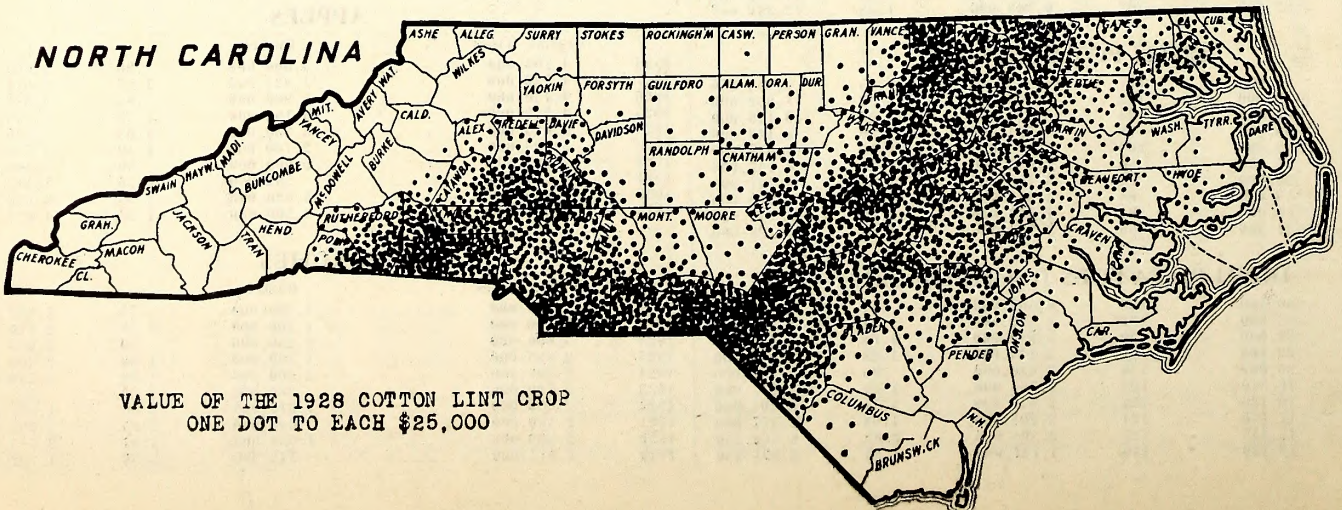
DISTRIBUTION OF THE HAY CROP  
ONE DOT TO EACH 100 TONS

**NORTH CAROLINA**

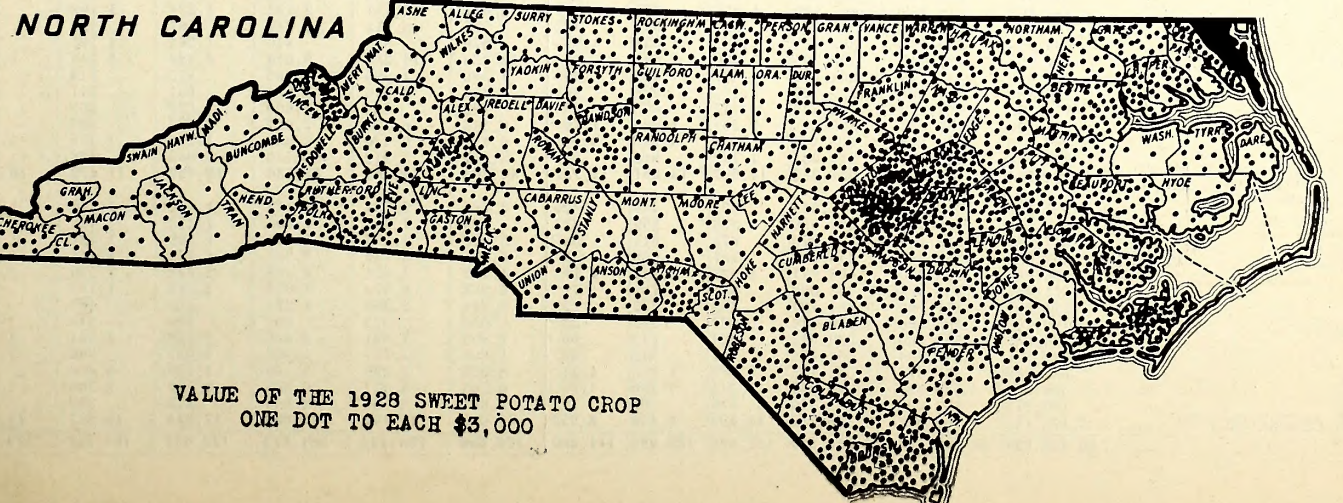
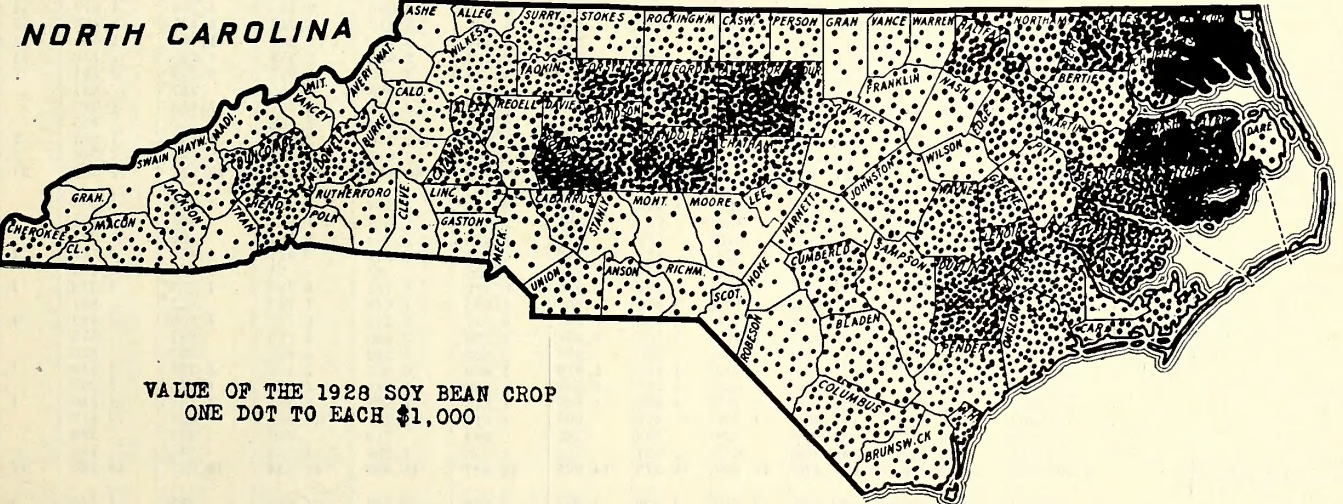
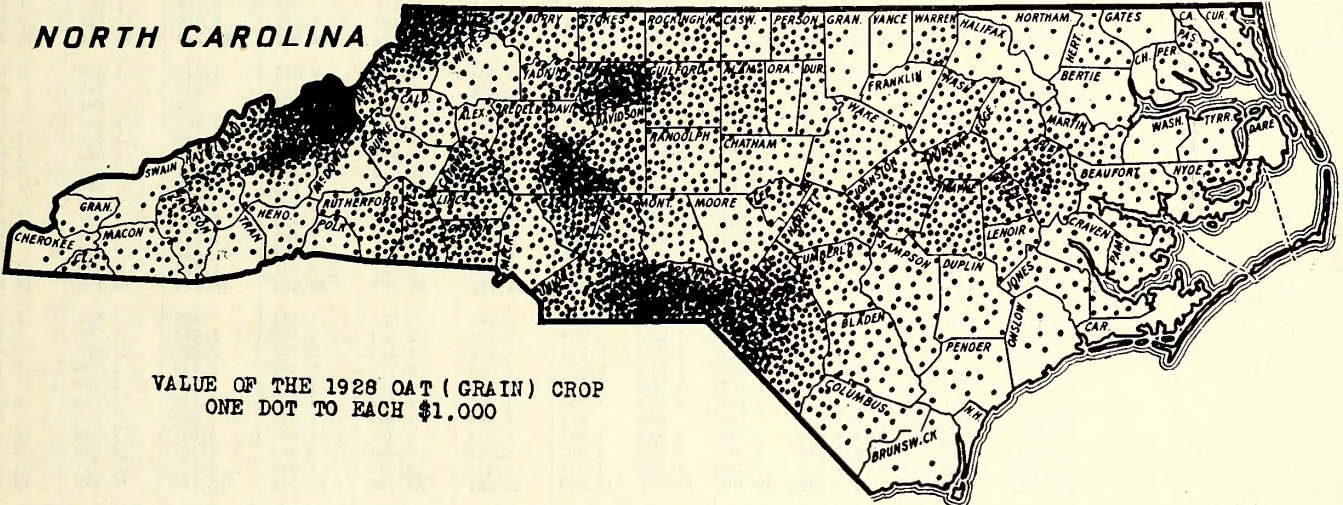
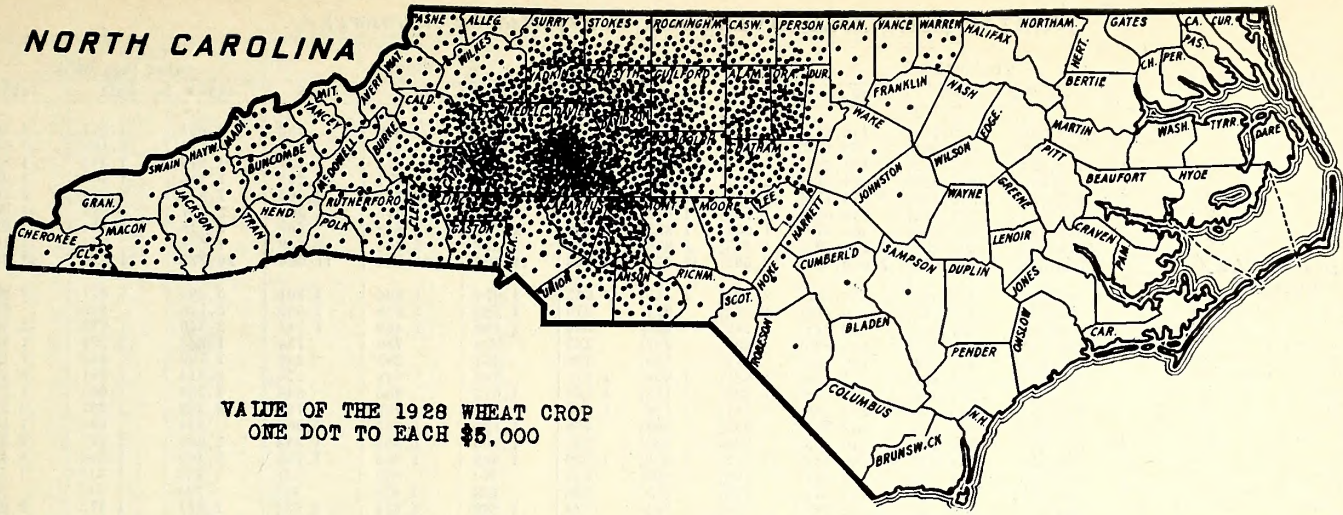


VALUE OF 1928 TOBACCO CROP  
ONE DOT TO EACH \$50,000

**NORTH CAROLINA**



VALUE OF THE 1928 COTTON LINT CROP  
ONE DOT TO EACH \$25,000



DISTRICT AND COUNTIES	Acres in Land			Horses			Mules			Cattle Other than Milk		
	1926	1927	1928	1926	1927	1928	1926	1927	1928	1926	1927	1928
<b>DISTRICT 1</b>												
Alleghany	143,400	118,715	146,207	1,552	1,512	1,351	406	300	253	4,091	4,011	4,766
Ashe	272,300	273,079	272,916	3,506	3,216	3,165	424	417	334	9,171	8,168	9,657
Avery	132,224	136,432	131,284	991	939	878	253	274	227	1,870	1,578	1,813
Caldwell	453,992	257,856	264,609	1,227	1,049	1,008	1,306	1,274	1,281	1,415	1,403	2,053
Surry	341,951	340,159	346,176	1,377	1,259	1,183	3,663	3,731	3,700	1,832	1,849	2,269
Watauga	205,335	197,882	249,634	1,723	1,642	1,632	372	418	368	3,997	3,482	4,605
Wilkes	462,857	467,696	468,979	1,991	1,821	1,780	2,762	2,819	2,566	3,118	3,114	3,688
Yadkin	214,837	205,234	209,827	1,225	1,036	953	2,218	2,281	2,369	1,231	974	1,408
<b>Northern Mountain (NW.)</b>	<b>2,126,896</b>	<b>1,997,053</b>	<b>2,089,632</b>	<b>13,592</b>	<b>12,474</b>	<b>11,950</b>	<b>11,404</b>	<b>11,514</b>	<b>11,098</b>	<b>26,725</b>	<b>24,579</b>	<b>30,259</b>
<b>DISTRICT 4</b>												
Buncombe	305,026	333,331	336,537	2,531	2,185	2,023	1,674	1,906	1,801	5,303	5,071	6,009
Burke	305,133	276,168	276,168	1,612	919	919	1,783	1,538	1,538	2,720	889	889
Cherokee	344,324	297,914	288,341	763	628	546	1,480	1,460	1,344	2,140	1,972	2,425
Clay	100,765	101,454	119,835	303	298	283	828	789	754	1,233	1,273	1,415
Graham	173,663	182,889	189,389	471	490	436	351	395	344	1,709	946	1,124
Haywood	323,751	337,068	317,446	1,887	1,900	1,814	880	848	776	9,214	7,981	9,215
Henderson	188,330	191,492	201,758	1,329	1,148	1,169	1,015	966	943	1,739	1,606	1,756
Jackson	304,942	305,899	291,709	1,287	1,186	1,165	722	762	707	3,582	3,237	3,365
McDowell	229,369	216,893	238,378	686	509	458	1,120	1,057	1,006	854	509	1,132
Macon	243,167	216,445	216,445	986	935	935	1,306	1,359	1,359	3,000	2,527	2,527
Madison	262,558	249,038	260,552	1,778	1,656	1,589	1,963	1,866	1,759	5,469	5,584	6,161
Mitchell	113,054	131,072	131,881	903	894	843	775	811	728	1,213	1,318	1,581
Polk	134,201	141,849	135,375	288	259	228	964	1,079	975	411	513	565
Rutherford	344,553	341,443	352,080	939	791	731	4,286	3,874	3,824	1,671	1,572	2,053
Swain	399,869	345,463	345,463	693	670	670	556	548	548	2,073	1,392	1,392
Transylvania	185,131	177,301	183,014	642	547	488	341	357	322	1,840	1,123	1,279
Yancey	158,416	177,981	188,027	1,172	1,262	1,114	1,115	1,193	1,114	2,539	2,724	2,913
<b>Western Mountain (W.)</b>	<b>4,116,252</b>	<b>4,023,700</b>	<b>4,072,398</b>	<b>18,270</b>	<b>16,277</b>	<b>15,411</b>	<b>21,159</b>	<b>20,808</b>	<b>19,842</b>	<b>46,740</b>	<b>40,424</b>	<b>45,801</b>
<b>DISTRICT 2</b>												
Alamance	255,399	262,188	261,347	2,687	2,544	2,347	2,465	2,592	2,544	1,616	1,650	2,356
Gaswell	267,473	262,837	303,998	1,357	1,112	1,199	2,220	2,085	2,445	636	343	596
Durham	183,567	175,077	163,388	1,689	1,492	1,332	1,409	1,527	1,493	893	801	858
Forsyth	240,620	246,287	243,259	2,565	2,413	2,282	2,670	2,543	2,498	2,063	1,915	1,994
Franklin	287,718	305,298	856,458	1,625	1,532	1,404	4,095	4,126	4,540	1,726	1,970	1,284
Granville	333,007	332,549	332,694	2,576	2,361	2,071	3,047	3,049	3,425	1,408	1,075	1,103
Guilford	393,153	386,745	392,998	3,264	3,311	3,337	3,451	3,610	3,400	3,236	3,140	3,216
Orange	234,735	239,370	247,243	1,644	1,605	1,446	1,848	1,887	1,874	963	900	1,181
Person	253,463	255,421	252,139	1,677	1,626	1,452	2,334	2,555	2,657	707	739	845
Rockingham	346,311	351,355	340,939	1,638	1,458	1,374	3,464	3,662	2,621	1,532	1,637	1,560
Stokes	284,963	292,555	281,597	1,214	1,079	1,025	3,352	3,346	3,428	1,281	1,194	1,385
Vance	164,810	168,833	164,345	1,568	1,428	1,350	1,651	1,842	1,969	648	557	535
Warren	273,008	278,727	277,993	2,131	1,897	1,820	2,715	2,549	2,727	1,215	1,929	1,755
<b>Northern Piedmont (N.)</b>	<b>3,518,227</b>	<b>3,557,242</b>	<b>4,118,418</b>	<b>25,635</b>	<b>23,858</b>	<b>22,439</b>	<b>34,721</b>	<b>35,373</b>	<b>37,023</b>	<b>16,924</b>	<b>16,950</b>	<b>18,648</b>
<b>DISTRICT 5</b>												
Alexander	151,750	160,910	160,670	660	668	631	1,695	1,671	1,604	892	963	1,358
Catawba	248,758	245,401	252,293	1,930	1,697	1,658	2,986	2,853	2,876	1,672	1,598	2,125
Chatham	435,584	412,590	435,354	1,812	1,880	1,549	4,270	4,095	3,971	2,087	2,076	2,479
Davidson	354,264	350,866	349,262	3,103	3,079	2,848	2,582	2,572	2,499	2,048	1,780	2,164
Davie	163,178	164,902	163,256	1,267	1,228	1,205	1,550	1,543	1,475	1,719	1,331	1,515
Iredell	369,186	369,560	367,359	2,207	2,085	1,905	4,607	4,429	4,388	2,148	2,105	2,625
Lee	155,287	167,028	161,569	439	369	359	1,894	1,903	1,942	698	615	608
Randolph	483,025	578,673	490,663	2,136	2,045	1,892	4,028	3,945	4,017	1,667	2,040	2,532
Rowan	324,581	324,581	317,435	2,949	2,850	2,502	3,433	3,450	3,364	2,077	2,000	2,272
Wake	523,424	518,997	520,781	2,682	1,970	1,779	6,436	6,327	6,640	2,120	1,821	1,885
<b>Central Piedmont (C.)</b>	<b>3,209,037</b>	<b>3,293,508</b>	<b>3,218,642</b>	<b>19,185</b>	<b>17,871</b>	<b>16,328</b>	<b>33,481</b>	<b>32,788</b>	<b>32,776</b>	<b>17,128</b>	<b>16,329</b>	<b>19,563</b>
<b>DISTRICT 8</b>												
Anson	330,223	331,946	331,824	1,033	872	855	4,811	4,673	4,773	1,513	1,381	1,400
Cabarrus	209,909	209,909	220,509	1,912	1,868	1,527	3,096	3,096	2,675	1,536	1,670	4,050
Cleveland	279,148	293,717	306,421	969	836	840	5,531	5,212	5,314	1,481	1,804	1,810
Gaston	212,526	219,909	213,304	1,004	886	816	3,234	3,172	3,106	1,606	1,636	1,073
Lincoln	188,424	180,317	191,997	969	903	856	2,172	2,925	2,959	1,205	1,136	1,524
Mecklenburg	326,349	304,667	317,028	1,466	1,441	1,223	5,339	5,165	5,321	2,335	2,701	3,088
Montgomery	292,438	271,380	288,000	512	446	411	2,222	1,993	1,953	917	881	967
Moore	400,418	413,119	416,359	749	692	652	2,629	2,519	2,484	1,113	1,113	924
Richmond	275,487	273,052	288,846	598	516	441	2,840	1,572	2,668	774	755	748
Stanly	284,013	235,433	228,105	1,337	1,232	1,270	3,257	3,236	2,994	1,702	1,785	2,219
Union	392,919	393,332	389,408	1,884	1,739	1,572	6,714	6,617	6,753	2,740	2,746	3,556
<b>Southern Piedmont (S.)</b>	<b>3,191,854</b>	<b>3,126,781</b>	<b>3,191,701</b>	<b>12,433</b>	<b>11,431</b>	<b>10,463</b>	<b>41,723</b>	<b>40,180</b>	<b>41,127</b>	<b>16,922</b>	<b>17,552</b>	<b>21,359</b>
<b>DISTRICT 3</b>												
Bertie	498,918	357,225	359,750	1,636	1,499	1,332	4,240	4,138	4,168	1,209	1,045	857
Camden	164,720	161,510	146,114	901	765	807	1,019	1,080	1,034	867	962	878
Chowan	110,481	110,481	115,291	618	531	513	1,550	1,560	1,597	600	572	432
Currituck	140,731	140,957	143,037	874	832	742	929	1,044	971	1,456	2,187	1,964
Dare	360,033	275,924	274,962	583	539	446	26	23	21	1,629	1,483	993
Edgecombe	311,716	311,367	311,454	1,397	1,221	1,019	6,912	6,721	6,784	1,586	1,218	1,264
Gates	197,360	197,360	185,655	1,136	1,019	961	1,685	1,648	1,763	887	887	656
Halifax	429,539	423,361	428,780	2,370	2,050	1,763	6,511	6,243	6,743	1,930	1,643	1,645
Hertford	214,540	213,471	209,745	1,317	1,165	1,004	2,630	2,655	2,715	865	575	494
Martin	278,110	265,144	273,940	755	663	601	3,522	4,212	4,167	903	856	896
Nash	333,013	335,919	335,292	1,236	1,163	1,070	7,060	6,865	7,193	1,375	1,340	1,155
Northampton	334,037	334,423	334,459	2,053	1,773	1,540	4,568	4,388	4,775	1,752	1,265	889
Pasquotank	134,691	136,662	135,126	1,566	1,428	1,327	1,518	1,528	1,595	1,375	2,219	1,219
Perquimans	144,002	148,626	143,896	1,056	978	904	1,811	1,757	1,812	689	672	

Milk Cattle			All Cattle			Hogs			Sheep			Goats			DISTRICT AND COUNTIES
1926	1927	1928	1926	1927	1928	1926	1927	1928	1926	1927	1928	1926	1927	1928	
3,289	3,209	3,457	7,380	7,220	8,223	2,840	3,597	4,654	8,664	10,482	11,268	170	201	226	DISTRICT 1
7,195	6,752	6,853	16,366	14,920	16,510	4,825	6,342	8,170	15,568	16,638	18,487	111	88	88	Allegany
2,443	2,222	2,088	4,313	3,800	3,901	1,478	2,200	2,273	3,859	3,907	4,430	3	2	1	Ashe
3,696	3,474	2,453	5,111	4,877	4,506	3,028	3,698	5,067	269	281	276	8	15	54	Avery
5,456	5,495	5,182	7,288	7,344	7,451	5,313	6,652	7,892	120	102	157	13	45	54	Caldwell
4,256	3,932	4,005	8,253	7,414	8,610	2,322	3,321	4,326	8,020	8,160	9,914	43	49	43	Curry
7,557	7,131	6,924	10,675	10,245	10,612	6,472	7,208	9,654	452	550	574	61	65	65	Watauga
3,569	3,115	3,352	4,800	4,989	4,760	4,029	4,195	5,655	133	69	200	42	42	3	Wilkes
37,461	35,330	34,314	64,186	59,909	64,573	30,316	37,213	47,691	37,085	40,189	45,306	455	509	480	Yadkin
Northern Mountain (N.W.)															
DISTRICT 4															
10,273	10,498	10,542	15,576	15,569	16,551	4,741	5,485	6,313	1,421	1,463	1,533	95	70	36	DISTRICT 4
4,028	2,744	2,744	6,748	3,633	3,633	3,686	2,999	2,999	63	130	130	18	25	25	Buncombe
2,997	2,606	2,646	5,137	4,578	5,071	2,637	3,340	3,831	466	509	503	22	33	11	Burke
1,447	1,429	1,459	2,680	2,702	2,874	2,424	2,969	3,463	760	834	904	3	21	44	Cherokee
1,150	1,007	1,001	2,859	1,953	2,125	3,141	2,942	1,865	795	980	920	3	10	19	Clay
5,571	4,861	5,068	14,785	12,842	14,283	3,914	4,504	4,752	5,029	6,115	6,507	52	127	265	Graham
4,036	4,200	3,904	5,775	5,626	5,666	2,282	2,908	3,468	372	401	439	53	22	39	Haywood
3,269	3,047	3,193	6,851	6,284	6,558	4,750	6,215	5,701	2,744	3,199	3,663	78	55	43	Henderson
2,009	2,188	2,085	2,863	2,884	3,217	1,807	2,072	2,784	54	91	101	18	28	110	Jackson
3,295	3,040	3,040	6,295	5,567	5,567	4,880	6,039	6,039	1,728	1,628	1,628	81	41	41	McDowell
5,126	4,786	4,838	10,595	10,370	10,996	3,718	4,331	5,023	3,828	4,625	4,778	30			Macon
2,569	2,193	2,179	3,782	3,511	3,760	2,065	2,687	2,778	1,466	2,230	2,297	12	6	10	Madison
1,122	1,417	1,345	1,563	1,930	1,910	921	1,234	1,270	72	58	58	60	1	26	Mitchell
5,206	5,061	4,586	5,877	6,633	6,633	4,424	5,624	6,172	52	20	58	56	28	13	Polk
2,122	1,852	1,852	4,195	3,244	3,244	1,680	1,546	1,548	393	336	336	128	134	134	Rutherford
1,446	1,504	1,530	3,286	2,627	2,806	2,125	2,644	2,574	956	808	789	8	43	19	Swain
3,049	3,212	3,106	5,588	5,936	6,019	2,561	3,301	3,787	2,823	3,068	3,095	8	8	7	Transylvania
58,715	55,465	55,118	104,455	95,889	100,914	51,756	60,840	64,367	23,022	26,496	27,703	717	652	842	Yancey
Western Mountain (W.)															
DISTRICT 2															
4,803	4,768	4,682	6,419	6,418	7,038	4,627	6,266	7,393	82	854	669	479	391	629	Alamance
2,837	2,708	2,707	3,473	3,051	3,306	3,962	4,867	5,472	176	95	115	2	5	7	Caswell
3,428	3,245	2,771	4,321	4,046	3,606	2,952	3,236	3,588	57	52	8	65	78	11	Durham
5,382	5,420	5,358	7,445	7,335	7,356	6,091	7,546	8,985	451	371	327	55	50	50	Forsyth
3,875	3,120	3,014	4,601	4,190	4,296	6,893	7,244	8,947	473	426	468	141	65	70	Franklin
3,883	3,736	3,561	5,291	4,811	4,664	5,430	5,968	7,077	603	599	595	25	25	93	Granville
8,363	8,444	8,621	11,599	11,584	11,837	6,968	8,389	9,264	231	387	399	25	60	120	Guilford
3,242	3,235	3,126	4,205	4,135	4,307	3,523	3,850	5,395	218	194	194	232	243	160	Orange
2,784	2,817	2,592	3,491	3,556	3,437	3,876	4,836	5,670	84	129	128	11	24	49	Person
4,672	4,518	4,357	6,204	6,155	5,917	6,144	7,088	8,201	242	254	159	5	15	14	Rockingham
3,857	3,652	3,418	5,138	4,846	4,803	4,826	5,821	6,093	39	40	32	21	14	28	Stokes
2,317	2,421	2,209	2,965	2,978	2,744	3,414	4,135	4,662	193	290	255	14	15	8	Vance
3,325	3,122	2,821	4,540	5,051	4,574	3,362	6,103	7,138	335	410	410	14	309	298	Warren
52,768	51,206	49,257	69,692	68,156	67,898	62,068	75,349	87,885	3,184	4,111	3,805	1,574	1,323	1,480	DISTRICT 5
Northern Piedmont (N.)															
DISTRICT 5															
2,451	2,488	2,364	3,343	3,451	3,722	2,302	2,936	3,599	112	107	63	4	5	6	Alexander
5,105	5,019	5,090	6,777	6,617	7,215	4,612	5,705	7,158	140	86	249	53	75	75	Catawba
4,675	4,170	3,810	6,762	6,246	6,289	6,587	7,718	9,670	1,093	1,040	819	699	628	774	Chatham
6,247	6,037	5,759	8,295	7,817	7,923	7,935	9,093	11,079	554	622	674	128	127	216	Davidson
3,175	3,379	3,149	4,894	4,710	4,664	3,519	3,813	4,284	355	388	314	137	84	89	Davie
6,835	6,296	6,290	8,983	8,401	8,915	6,259	7,623	9,658	208	249	220	149	53	75	Iredell
1,647	1,858	1,595	2,345	2,473	2,203	2,848	2,776	3,769	63	117	157	71	65	65	Lee
6,176	5,643	5,789	7,843	7,683	8,321	6,014	7,644	9,882	855	733	969	935	794	490	Randolph
6,731	6,600	6,340	8,808	8,600	8,611	5,860	6,700	8,546	354	375	443	211	225	262	Rowan
6,222	5,786	5,686	8,342	7,607	7,571	10,544	11,115	12,614	131	88	76	148	126	73	Wake
49,264	47,276	45,872	66,392	63,605	65,438	56,480	65,123	80,259	3,865	3,805	3,984	2,535	2,182	1,985	DISTRICT 8
Central Piedmont (C.)															
DISTRICT 8															
4,402	3,164	3,067	5,915	4,545	4,467	4,359	4,952	5,970	214	194	158	152	114	150	Anson
4,586	4,533	3,932	6,122	6,212	7,982	3,812	4,863	4,066	392	450	450	99	110	69	Cabarrus
6,370	5,339	5,400	7,851	7,143	7,210	5,166	6,104	6,114	48	68	65	21	62	50	Cleveland
5,466	5,282	5,363	7,072	6,918	6,436	3,764	4,616	5,566	253	205	162	81	61	44	Gaston
3,509	3,378	3,246	4,714	4,514	4,770	3,761	4,314	5,130	151	142	114	44	39	54	Lincoln
8,058	8,049	8,001	10,393	10,570	11,089	4,353	5,334	6,073	370	387	560	87	91	100	Mecklenburg
2,000	1,920	1,801	2,917	2,801	2,768	2,285	2,772	3,430	329	243	247	160	111	120	Montgomery
2,630	2,547	2,474	3,743	3,595	3,398	3,749	4,083	4,932	554	617	621	180	235	192	Moore
2,050	1,844	1,735	2,824	2,599	2,483	2,722	3,133	4,150	82	90	58	104	95	83	Richmond
3,981	3,497	3,495	5,683	5,282	5,714	3,824	4,940	6,470	132	226	167	187	123	91	Stanly
7,433	6,846	6,145	10,173	9,592	9,701	5,310	6,510	8,082	1,092	865	488	63	74	50	Union
50,485	46,399	44,659	67,407	63,951	66,018	43,105	51,621	61,451	3,631	3,429	3,090	1,178	1,115	1,003	DISTRICT 3
Southern Piedmont (S.)															
DISTRICT 3															
1,065	949	966	2,274	1,994	1,822	19,047	18,858	19,824	340	306	376	323	461	279	Bertie
672	598	665	1,479	1,560	1,543	4,096	6,376	7,134	858	1,027	896	70	212	183	Camden
411	410	622	1,071	982	1,054	9,095	11,244	11,989	276	288	366	88	133	97	Chowan
934	512	429	2,390	2,699	2,396	7,112	10,977	10,778	1,714	1,773	1,486	53	86	179	Currituck
136	182	155	1,765	1,665	1,143	1,124	1,592	1,606	552	427	353	19	26	17	Dare
1,483	1,564	1,316	3,060	2,782	2,580	12,048	13,772	14,515	1,008	782	742	594	356	582	Edgecombe
819	676	79													

## LIVESTOCK

Estimated Number and Value on Farms January 1, 1927-1929

Farm Animals	Year	North Carolina			United States		
		Number	Value per Head	Total Value	Number	Value per Head	Total Value
Horses and Colts	1926	120,000	\$85.67	\$10,280,000	15,830,000	\$65.50	\$1,036,843,000
	1927	112,000	83.00	9,295,000	15,133,000	64.14	970,703,000
	1928	105,000	87.00	9,136,000	14,540,000	67.05	974,855,000
	1929	98,000	86.00	8,429,000	14,029,000	69.95	981,331,000
Mules and Mule Colts	1926	276,000	117.41	32,405,000	5,739,000	81.50	467,710,000
	1927	279,000	107.00	29,981,000	5,652,000	74.57	421,467,000
	1928	279,000	119.00	33,311,000	5,532,000	79.71	440,958,000
	1929	276,000	124.00	34,324,000	5,447,000	82.20	447,727,000
All Cattle and Calves (a)	1926	523,000	31.60	16,529,000	59,122,000	38.70	2,288,121,000
	1927	486,000	34.80	16,897,000	56,832,000	40.29	2,289,551,000
	1928	496,000	44.70	22,179,000	55,681,000	51.10	2,845,067,000
	1929	506,000	48.30	24,425,000	55,751,000	59.35	3,308,837,000
Cows and Heifers (2 years old and over, kept for milk)	1926	303,000	42.00	12,726,000	22,188,000	57.34	1,272,328,000
	1927	297,000	45.00	13,365,000	21,801,000	59.58	1,299,004,000
	1928	294,000	59.00	17,346,000	21,824,000	73.93	1,613,373,000
	1929	294,000	64.00	18,816,000	21,820,000	84.59	1,845,675,000
Heifers, for Milk (1-2 years old)	1926	49,000	-----	-----	3,916,000	-----	-----
	1927	47,000	-----	-----	4,059,000	-----	-----
	1928	50,000	-----	-----	4,201,000	-----	-----
	1929	52,000	-----	-----	4,377,000	-----	-----
Sheep and Lambs	1926	73,000	6.62	483,000	39,730,000	10.51	417,630,000
	1927	80,000	7.40	589,000	41,881,000	9.71	406,588,000
	1928	85,000	9.00	765,000	44,554,000	10.25	456,687,000
	1929	89,000	9.00	805,000	47,171,000	10.60	500,058,000
Swine, including Pigs	1926	832,000	13.10	10,899,000	52,148,000	15.21	793,139,000
	1927	849,000	14.20	12,001,000	54,788,000	17.25	945,012,000
	1928	951,000	13.50	12,820,000	60,420,000	13.16	794,941,000
	1929	874,000	12.40	10,815,000	54,956,000	13.01	714,760,000
Aggregate, all Livestock	1926	-----	-----	71,000,000	-----	-----	5,005,000,000
	1927	-----	-----	68,000,000	-----	-----	5,033,000,000
	1928	-----	-----	78,000,000	-----	-----	5,513,000,000
	1929	-----	-----	79,000,000	-----	-----	5,953,000,000

(a) Including Milk Cattle.

NOTE: Numbers in 1927 and 1928 are revised estimates for those years—with preliminary estimates for 1929.

## THE "SPECULATOR" AND OFFICIAL CROP REPORTS

The Superintendent of Education of Martin County, Mr. R. A. Pope, who is also a farmer, wrote us May 1st as follows:

"Much depends on the matter of distribution of cotton and crop statistics. At present, they can be of more value to the speculator than to the producer, because of the manner in which distributed. My advice is to reach the farmer in such a manner that you can show he has the advantage of the speculator, both in point of time when he receives the information and in the ease and simplicity of your analysis."

As we wrote to Mr. Pope:

"Let us realize, first of all, that the real speculators, buyers and manufacturers have their cost private information whether the government reports are issued or not. The producer (farmer) does not have any private information for his analysis, but could have by simply paying the subscription price of \$25 to \$200 annually.

"We realize only too well, Mr. Pope, that these reports are not reaching the farmer even after they arrive in his mail. Few farmers read for study or analysis. Even when a crop report is handed to and explained to him, it is usually discarded as "Tommy-rot." How, then, may we reach him? What manner should be used to get him to read first, and then to convince him that he may have the advantage of the buyer (often called, "speculator")?

It is true that the producer always has the advantage in matter of time, simply because he has first possession and the crop reports come to him even before his crops are harvested. Then, as for the analysis of these reports, do you realize that we are usually forbidden to analyze them due to legislation and frequent objections credited to farmers? All we may do then is to publish the facts as we have them and leave it to the farmers, agricultural leaders and those interested in the farmers' welfare to interpret the probable results as best they may.

"Why only in March 1929 most persistent efforts were made to enact legislation to prohibit the publication of any crop forecasts. This would then give the buying trade a complete opportunity to juggle their own private reports, if they so desired.

"Now our question is: "How may we gain the confidence of the farmers, with so many local politicians and "speculators" ever ready to queer these reports in the minds of the producers"? The reliability of the government reports and forecasts have certainly been proven as amazingly accurate.

"When less than one farmer in a hundred realizes the necessity of cost of production records, how may he be expected to appreciate the hidden values of safe planting and safer marketing of his crops available in the regular study of the official crop reports?

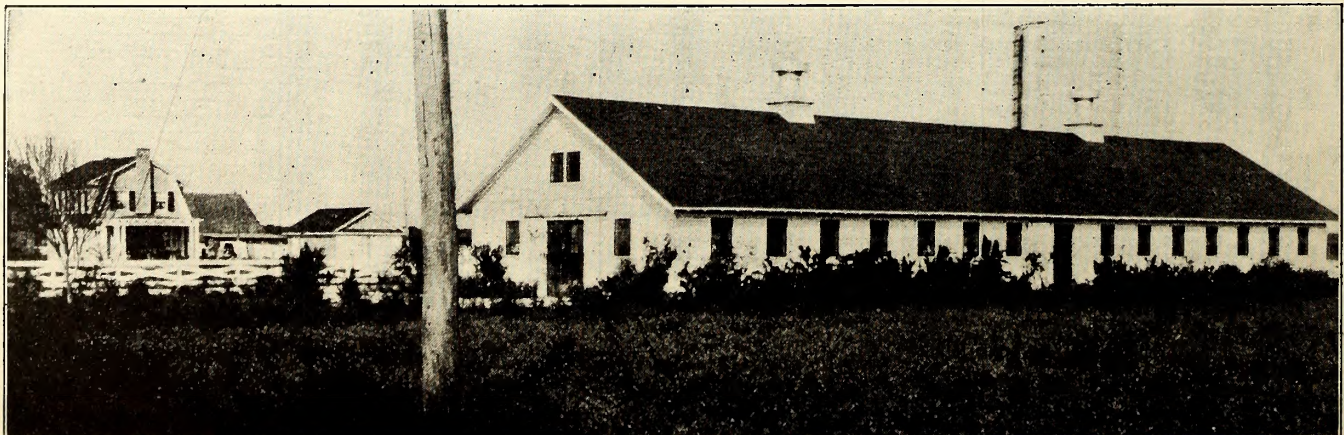
"We most certainly appreciate your suggestions, and only wish that many more would do likewise."

## LIVESTOCK COMMENTS

A study of the index numbers on page 34 clearly illustrates the fact that livestock and livestock products, with the exception of horses, have a decidedly higher relation to pre-war prices (or purchasing power) than do the crop figures in the left-hand portion of the table on relative farm prices. As Editor Poe, of the Progressive Farmer, continually reiterates, our North Carolina farming is largely a one-hand method, which consists of crop production. We cannot hope to have successful farming until we use that other hand in the nature of livestock production. The two go hand-in-hand.

We should not lose sight of the fact that while livestock products now sell to much better advantage than crop products, the growing of livestock is the surest way to soil improvement, diversification and balanced farm labor, as well as a means of providing a steady cash income.

Of course, as with any other feature of farming, considerable brain, as well as hand work, is needed in determining when to breed, how to feed and when to sell. Otherwise, overproduction and over-selling and wrongful feeding is apt to result. This is illustrated by the fact that one pound of feed per day is needed to maintain the growth of a 100 pound pig. Therefore, the farmer who feeds four pigs four pounds of feed daily will gain no increase in their weight and will lose the value of the feed. However, by feeding the four pounds to one pig a rapid gain and profit will result.



Dairy Barn and alfalfa field in Pasquotank County.



UNITED STATES CROPS

CROPS	UNIT	ACREAGE		YIELD		PRODUCTION		FARM PRICE DEC. 1 TOTAL FARM VALUE (Based on Dec. 1)			
		1927	1928	1927	1928	1927	1928	1927	1928	1927	1928
Corn	bu.	98,393,000	100,761,000	28.1	28.2	2,763,093,000	2,839,959,000	.723	.751	1,997,759,000	2,132,991,000
Winter Wheat	bu.	37,723,000	36,179,000	14.7	16.0	552,747,000	578,964,000	1.167	1.036	645,326,000	599,557,000
Wheat, all	bu.	58,734,000	57,724,000	14.9	15.6	878,374,000	902,749,000	1.115	.972	979,813,000	877,193,000
Oats	bu.	41,941,000	41,733,000	23.2	34.7	1,182,594,000	1,449,531,000	.450	.409	539,762,000	592,674,000
Barley	bu.	9,476,000	12,539,000	28.1	28.5	265,882,000	356,868,000	.678	.552	180,200,000	197,128,000
Rye	bu.	3,648,000	3,444,000	15.9	12.1	58,164,000	41,766,000	.853	.864	49,609,000	36,067,000
Buckwheat	bu.	810,000	750,000	19.5	17.6	15,755,000	13,163,000	1.835	.876	13,155,000	11,525,000
Flaxseed	bu.	2,837,000	2,721,000	9.1	7.1	25,847,000	19,321,000	1.860	2.011	48,079,000	38,857,000
Rice (5 States)	bu.	1,012,000	965,000	44.2	43.4	44,774,000	41,881,000	.929	.718	41,616,000	30,077,000
Grain Sorghums (a)	bu.	6,723,000	6,497,000	20.4	21.9	137,358,000	142,533,000	.616	.621	84,614,000	88,471,000
Cotton	bales	40,138,000	45,326,000	b154.5	b151.8	12,955,000	14,373,000	c.196	c.180	1,269,885,000	1,291,589,000
Cottonseed	Tons	60,855,000	57,775,000	1.74	1.61	5,759,000	6,390,000	36.80	36.29	211,926,000	231,923,000
Hay, Tame	Tons	37,723,000	36,179,000	1.17	.98	106,001,000	93,031,000	11.35	12.34	1,202,953,000	1,148,283,000
Hay, Wild	Tons	14,813,000	13,144,000	1.63	1.49	17,326,000	12,922,000	6.59	7.36	114,204,000	95,076,000
Hay, all	Tons	75,698,000	70,919,000	1.63	1.49	123,327,000	105,953,000	10.68	11.74	1,317,157,000	1,243,359,000
Cloverseed	bu.	1,214,000	713,000	1.42	1.55	1,727,000	1,406,000	15.22	16.31	26,299,000	18,038,000
Beans, Dry (Edible) (a)	bu.	1,571,000	1,577,000	10.3	10.5	16,181,000	16,598,000	2.88	4.01	46,612,000	66,639,000
Soybeans (except hay) (a)	bu.	1,162,000	1,122,000	13.6	14.5	15,770,000	16,305,000	1.80	1.80	28,374,000	29,282,000
Cowpeas (Except hay) (a)	bu.	1,826,000	1,388,000	10.8	9.6	19,644,000	13,395,000	1.80	1.93	35,300,000	25,822,000
Peanuts	lbs.	1,785,000	1,909,000	735.0	644.0	1,311,793,000	1,230,390,000	.040	.046	52,199,000	56,082,000
Velvet Beans	Tons	1,534,000	1,541,000	b947.0	b915.0	726,000	705,000				
Potatoes, white	bu.	3,476,000	3,825,000	115.9	121.0	402,741,000	462,943,000	.965	.540	388,741,000	250,043,000
Potatoes, sweet	bu.	933,000	810,000	100.9	95.9	94,112,000	77,661,000	.825	.936	77,615,000	72,680,000
Tobacco	lbs.	1,584,900	1,912,100	765.0	718.0	1,211,909,000	1,373,501,000	c.212	c.185	256,882,000	254,322,000
Sugar Beets	Tons	721,000	946,000	10.8	10.9	7,753,000	7,040,000	7.67	7.18	59,455,000	50,525,000
Sugar Cane (ex. for sirup)	Tons	90,000	157,000	13.2	16.1	1,178,000	2,540,000	4.15	3.97	4,890,000	10,080,000
Cane Sirup	Gals.	114,000	113,000	182.8	192.8	20,839,000	21,783,000	.815	.762	16,984,000	16,596,000
Broom Corn (a)	Tons	230,000	252,000	b336	b361	38,600	45,500	109.12	106.59	4,212,000	4,850,000
Sorghum sirup	gals.	366,000	348,000	82.7	77.5	30,268,000	26,972,000	.850	.915	25,716,000	24,683,000
Apples, Total	bu.					123,693,000	184,920,000	1.386	1.001	171,394,000	185,126,000
Apples, Com'l.	bbls.					26,017,000	35,308,000	3.99	2.81	103,889,000	99,287,000
Peaches, Total	bu.					45,463,000	68,374,000	1.181	.987	50,494,000	63,649,000
Pears, Total	bu.					18,373,000	23,783,000	1.322	1.019	24,298,000	24,246,000
Grapes, Total	Tons					2,605,238	2,636,076	26.52	19.75	65,332,000	49,041,000
Oranges (2 States)	Boxes					31,200,000	43,000,000	4.00	3.03	124,800,000	130,500,000
Grapefruit (Fla.)	Boxes					7,200,000	8,000,000	3.10	2.55	22,320,000	20,400,000
Lemons (Cal.)	Boxes					6,000,000	7,100,000	3.80	3.20	22,800,000	22,720,000
Cranberries (a)	bbls.	28,490	28,570	17.4	18.6	496,000	531,000	12.28	14.58	6,089,000	7,743,000
Commercial Truck Crops											
Asparagus	Crates	90,500	94,930	87.0	97.0	7,877,000	9,235,000	1.74	1.51	13,697,000	13,928,000
Beans, Snap	Tons	111,090	135,060	1.1	1.1	126,700	147,200	118.01	101.49	14,952,000	14,940,000
Cabbage	Tons	143,790	136,850	8.4	7.1	1,202,800	976,900	15.97	24.04	19,211,000	23,488,000
Cantaloupes	Crates	105,780	100,400	142.0	155.0	15,014,000	15,521,000	1.49	1.31	22,424,000	20,261,000
Carrots	bu.	25,370	22,620	298.0	283.0	7,552,000	6,400,000	.56	.72	4,243,000	4,595,000
Cauliflower	Crates	17,750	20,650	231.0	242.0	4,096,000	4,987,000	1.26	1.10	5,165,000	5,509,000
Celery	Crates	24,550	26,400	309.0	272.0	7,585,000	7,173,000	1.65	1.95	12,505,000	14,005,000
Corn, Sweet (canning)	Tons	215,430	289,180	1.9	1.9	399,000	536,400	12.05	12.86	4,806,000	6,896,000
Cucumbers	bu.	93,500	111,740	88.0	76.0	8,256,000	8,535,000	1.14	1.05	9,422,000	8,998,000
Eggplant	bu.	2,990	3,890	262.0	230.0	782,000	896,000	.91	.87	708,000	777,000
Lettuce	Crates	121,880	126,780	159.0	147.0	19,383,000	18,589,000	1.42	1.70	27,467,000	31,530,000
Onion	bu.	76,440	77,480	308.0	246.0	23,525,000	19,025,000	1.80	1.19	18,751,000	22,574,000
Peas, green	Tons	221,000	267,610	1.1	1.0	239,300	277,000	78.56	71.65	18,799,000	19,848,000
Peppers	bu.	14,600	18,510	240.0	239.0	3,502,000	4,418,000	1.01	.93	3,529,000	4,091,000
Potatoes, early	bu.	348,230	400,720	129.0	138.0	44,825,000	55,368,000	1.37	.56	61,361,000	31,047,000
Spinach	Tons	55,210	63,270	2.6	2.2	141,000	138,200	56.43	55.38	7,956,000	7,653,000
Strawberries	Quarts	187,290	202,580	1711.0	1604.0	320,499,000	324,999,000	.15	.14	47,743,000	44,440,000
Tomatoes	Tons	397,430	401,850	4.1	3.5	1,641,300	1,405,400	26.80	29.13	44,063,000	40,940,000
Watermelons	Number	182,510	210,450	316.	294.0	57,682,000	61,773,000	d186.00	d177.00	10,741,000	10,958,000

a. Principal producing States. b. Pounds. c. Per pound. d. Per car of 1,000 melons. Prices of Commercial Truck Crops are Seasonal prices.

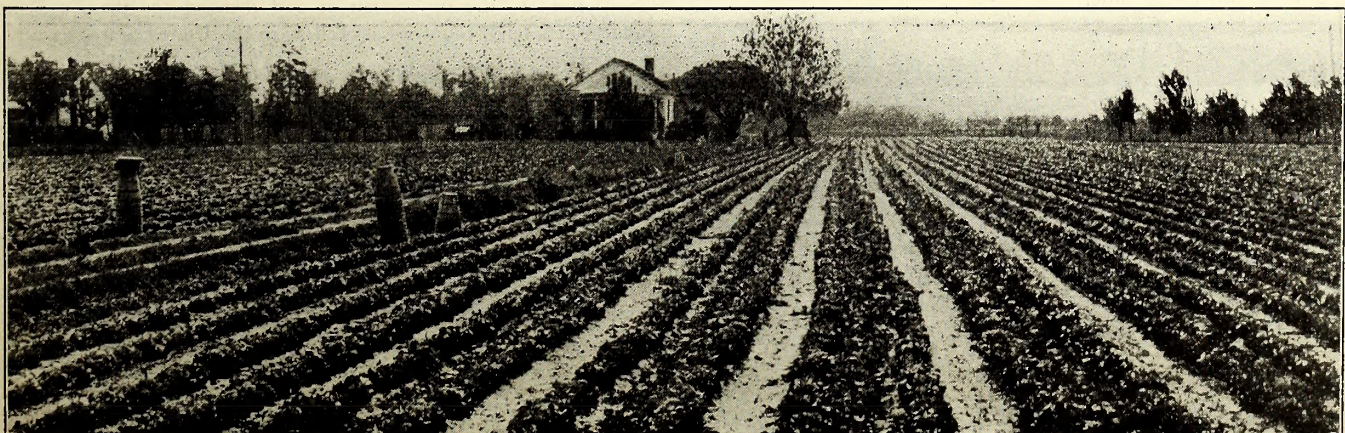
THE ROLE OF PRICES IN AGRICULTURAL ECONOMICS

In the field of agricultural economics the study of prices and prices changes is playing a role of ever-increasing importance to the practical farmer of today. The prices he receives for his crops determine whether or not he is operating his business at a loss and whether or not his standard of living is up to that of the business man in the same communities or in the larger cities. Therefore, it is important that he should have general knowledge of the supply and demand factors which make the price of the products he grows and determine the income he receives from his harvest. Studies have been

made by the State College and the Federal Department of Agriculture which show why prices of the crops grown in this state have changed in the past. Before you make up your mind as to the acreage of tobacco, corn, potatoes, and other crops to plant each year, it would be to your advantage to obtain all available information on price prospects at harvest time from the office of the State Statistician.

CHARLES F. SARLE,  
Senior Agricultural Statistician  
Bureau of Agricultural Economics

Washington, D. C.  
May 20, 1929



Lettuce Crop field at harvest time in New Hanover County.

CROP AND LIVESTOCK SUMMARY FOR UNITED STATES

Estimated Aggregate Value of Crops and Livestock by States

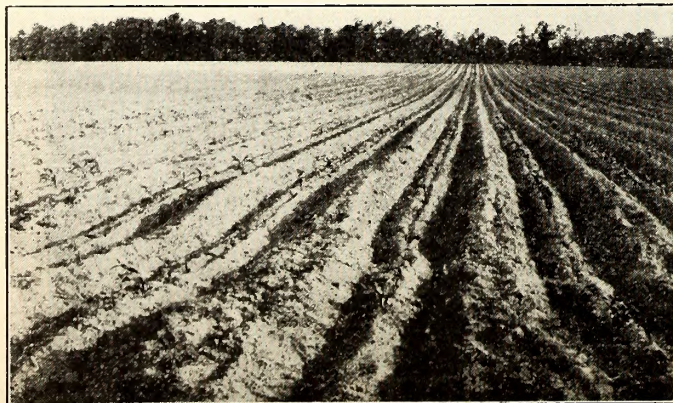
This tabulation gives the estimated total value of 22 crops—corn, wheat, oats, barley, rye, buckwheat, flaxseed, rice, potatoes, sweet potatoes, all hay, tobacco, lint cotton, beans, broomcorn, grain sorghums, hops, oranges, clover seed, peanuts, cranberries, apples—in the United States, by States, 1926, 1927, 1928, and 1919 (census); the value of all crops in 1919 (census), and the hypothetical value of all crops in other years based on December 1 prices, the ratio of the 22 crops to all crops in the census years, and the rank of States.

STATES	Value Per Acre 22 Crops 1928	Acres of Crops			Per Cent of Total Acres in Specified Crops (2) 1928	Value All Crops Census 1919 1,000 dollars	Ratio Value 22 Crops to All Crops in Census 1919	Value 22 Crops				Hypothetical Value All Crops		
		Named Above (1) Thousand Acres		Value All Crops Census 1919 1,000 dollars				1919 Census	1926	1927	1928	Thousands (000) Dollars		
		1927	1928									1926	1927	1928
Maine	24.82	1,587	1,580	96	100,152	92	\$ 91,982	\$ 74,648	\$ 58,059	\$ 39,222	\$ 81,139	\$ 63,108	\$ 42,633	
New Hampshire	24.72	519	511	94	23,510	79	18,479	15,444	14,670	12,632	19,549	18,570	15,990	
Vermont	24.11	1,136	1,121	93	48,000	77	36,835	32,440	28,209	27,027	42,130	36,635	35,100	
Massachusetts	22.56	568	560	86	53,701	68	36,601	30,811	30,222	29,436	45,310	44,444	43,288	
Rhode Island	13.85	60	59	84	5,340	69	3,680	3,170	2,608	2,587	4,594	3,780	3,749	
Connecticut	11.43	479	476	88	44,473	81	36,006	30,240	29,526	29,239	37,333	36,452	36,098	
New York	24.03	7,638	7,396	91	417,047	77	321,598	219,355	199,650	177,726	284,877	259,286	230,813	
New Jersey	13.06	684	682	86	87,484	70	61,273	37,184	35,020	29,370	53,120	50,929	41,957	
Pennsylvania	26.98	7,129	7,007	97	409,969	86	350,991	223,854	214,532	189,016	260,295	249,566	219,786	
Ohio	22.38	10,402	10,284	97	607,038	87	526,943	261,612	232,931	230,122	300,703	267,737	264,508	
Indiana	20.03	10,223	10,125	96	497,238	90	449,079	202,495	192,159	202,819	224,994	213,510	225,354	
Illinois	21.91	19,201	19,742	97	864,738	92	797,893	360,048	356,513	432,514	391,357	387,514	470,124	
Michigan	23.75	8,282	8,195	93	404,015	82	329,651	205,951	185,764	194,621	251,160	226,541	237,343	
Wisconsin	25.50	9,507	9,447	90	445,348	81	360,404	243,992	247,132	240,936	301,225	305,101	297,452	
Minnesota	16.49	17,682	17,609	96	506,020	89	450,327	290,122	287,756	290,407	325,980	323,321	326,300	
Iowa	23.19	21,368	21,631	97	890,391	92	820,126	405,744	447,970	501,712	441,026	486,924	545,339	
Missouri	18.56	13,137	13,425	96	559,048	89	496,261	245,995	238,282	249,140	276,399	267,733	279,933	
North Dakota	11.00	20,140	20,315	96	301,783	92	278,315	176,920	256,588	233,507	192,304	278,900	242,942	
South Dakota	10.06	16,383	15,597	96	311,007	93	288,376	113,245	225,326	156,859	121,769	242,286	168,666	
Nebraska	15.53	20,306	20,280	97	519,730	95	491,338	241,683	359,878	315,419	254,403	378,819	332,020	
Kansas	16.23	21,924	22,877	93	588,923	91	526,408	303,382	328,286	371,290	333,387	360,754	408,011	
Delaware	33.82	339	344	89	23,059	72	16,516	10,456	11,674	11,633	14,522	16,214	16,157	
Maryland	29.84	1,654	1,670	91	110,166	80	88,066	55,818	57,462	49,829	69,772	71,828	62,286	
Virginia	35.16	4,104	4,140	93	292,824	85	247,463	143,646	153,964	145,576	168,995	181,134	171,266	
West Virginia	32.74	1,742	1,727	95	96,537	81	78,143	59,962	57,142	56,545	74,027	70,546	69,809	
North Carolina	39.36	6,692	6,722	94	503,229	87	438,892	278,798	299,895	264,568	320,457	344,707	304,101	
South Carolina	24.22	5,027	4,862	92	437,122	82	360,025	115,082	136,897	117,744	140,344	166,948	143,590	
Georgia	20.43	9,235	9,092	94	540,614	80	430,270	169,443	208,261	185,744	211,804	260,326	232,180	
Florida	14.03	954	1,024	89	80,257	62	49,521	53,205	58,126	55,328	85,815	93,752	89,239	
Kentucky	32.12	5,151	5,268	95	347,339	89	310,224	154,934	153,500	169,220	174,083	172,472	190,135	
Tennessee	26.61	6,278	6,228	91	318,285	83	263,797	149,879	154,126	165,733	180,577	185,694	199,678	
Alabama	21.95	6,974	7,273	93	304,349	81	246,271	140,343	182,629	159,649	173,263	225,468	197,098	
Mississippi	27.79	5,923	6,365	96	336,207	83	278,539	156,215	189,197	176,896	188,211	227,948	213,128	
Arkansas	24.87	6,257	6,792	93	340,813	83	283,175	154,526	163,629	168,926	186,176	197,143	203,525	
Louisiana	27.37	3,681	4,191	91	206,182	71	147,290	96,292	106,514	114,716	135,623	150,020	161,572	
Oklahoma	16.88	14,719	15,636	93	550,085	87	479,314	263,789	243,750	263,902	303,206	280,172	303,382	
Texas	21.61	29,344	30,072	92	1,071,542	83	885,955	520,003	612,154	649,827	626,510	737,535	782,924	
Montana	15.46	7,457	7,602	87	69,975	86	60,058	96,947	137,051	117,526	112,729	159,362	136,658	
Idaho	29.78	2,824	2,843	91	126,495	88	111,940	82,611	95,272	84,675	93,876	108,264	96,222	
Wyoming	15.97	1,763	1,784	90	30,271	88	26,528	26,647	27,660	28,488	30,281	31,432	32,373	
Colorado	14.67	5,688	5,885	85	181,065	76	137,660	82,717	87,691	86,356	108,838	115,383	113,626	
New Mexico	21.96	972	1,193	78	40,620	77	31,093	26,800	22,696	26,198	34,805	29,475	34,023	
Arizona	39.63	543	574	85	42,481	84	35,478	22,253	28,077	34,226	26,492	33,425	40,745	
Utah	28.51	1,012	1,037	88	58,067	70	40,901	25,796	26,011	29,561	36,851	37,159	42,230	
Nevada	24.92	405	407	98	13,980	96	13,439	8,685	7,797	10,144	9,047	8,122	10,567	
Washington	33.81	3,611	3,599	86	227,212	82	185,667	120,853	144,469	121,674	147,382	176,182	148,383	
Oregon	28.18	2,758	2,735	80	131,885	75	99,095	67,017	80,311	77,066	89,356	107,081	102,755	
California	11.24	4,610	4,657	75	589,757	54	315,091	244,275	259,080	285,206	456,361	479,778	528,159	
United States	12.56	348,072	352,641	93.8	14,755,365	84.3	12,442,977	7,045,327	7,676,116	7,602,597	8,438,457	9,168,470	9,093,217	

(1) Exclusive of Oranges, Clover Seed, and Apples.

(2) Based on census proportions in 1919.

For the first time the value per acre of the twenty-two principal crops is published in the above table. Thus North Carolina appears to hold an enviable position among the States of the Union. This naturally causes us to be proud of a fact which, at first glance, appears to be the best basis of comparison. We should not forget, however, that North Carolina crops are very expensive to grow—that is, require much hand labor and commercial fertilizers. So far as we know, North Carolina is the only State in the Union publishing as comprehensive and complete a table as these two pages show.



Corn is planted in furrow and soil plowed to it instead of hoeing in Eastern Carolina.—Sampson County farm.

WE NEED TO KNOW FOREIGN TRENDS

Most farmers in the United States have to sell their products for prices determined largely by world market conditions. This is particularly true of producers of the great staple products such as cotton and wheat, and to some extent of corn and hogs. In planning the production or marketing of any of these products, therefore, farmers need information as to the production of and demand for these agricultural products in foreign countries as well as in the United States.

While the United States still leads the world in cotton production, the supply produced in foreign countries is of some importance in determining the price of cotton. India and Egypt have long had a place in the world cotton markets. The production of cotton in South America, Africa and China is increasing. These countries have resources for producing a large volume of cotton and must be watched in the future more than they have been in the past. Cotton producers are thus facing increasing competition in foreign countries. Fortunately, the world's demand for cotton is increasing. Care must be exercised, however, in planning cotton production not to increase the supply so much faster than the demand as to result in unprofitable prices.

O. C. STINE,

In Charge Statistical and Historical Research Division,

Bureau of Agricultural Economics

CROP AND LIVESTOCK SUMMARY FOR UNITED STATES

Estimated Aggregate Value of Crops and Livestock by States

The prices used for computing the value of the 22 crops are for December 1, or seasonal, and the farm values given are subject to whatever errors are involved in a price of that date as failing to represent the average price received by farmers for the entire crop or the portion of the crop that was sold. The farm values based on these prices depart from farm values based upon weighted average prices for the crop year. In some years and for some crops they will be lower; in other years and for other crops they will be higher. In the spring, when weighted averaged prices for the major portion of the crop year can be determined a report based on average prices will be issued.

Rank in Value of Crops								Total Value of all Livestock Thousands (000) omitted		Rank of Livestock Values by Types						Total Value all Crops and Livestock Combined Dollars (000) omitted	Rank-Value all Crops and Livestock	STATES				
22 crops	All crops	22 crops	All crops	22 crops	All crops	22 crops	All crops	January	January	Horses	Mules	All Cattle	Milk Cattle	Swine	Sheep							
1919	1926	1927	1928	1928	1929	'28	'29	1927	1928	'27	'28											
32	33	32	34	34	36	36	37	\$25,000	\$27,000	42	41	27	---	43	37	39	34	88,108	69,633	39	41	Maine
45	45	45	45	45	45	45	46	13,000	14,000	46	46	44	---	46	39	43	40	31,570	29,990	46	46	New Hampshire
39	40	38	39	40	40	43	42	39,000	41,000	36	37	30	---	27	19	42	35	75,635	76,100	41	40	Vermont
40	39	39	38	38	38	39	36	25,000	26,000	41	42	39	---	38	29	37	43	69,444	69,288	43	42	Massachusetts
48	48	48	48	48	48	48	48	4,000	4,000	48	48	48	---	48	47	48	43	7,780	7,749	48	48	Rhode Island
41	41	40	40	39	41	41	41	20,000	22,000	45	45	41	---	42	34	44	44	56,452	58,098	44	44	Connecticut
17	16	14	11	17	15	18	16	226,000	248,000	7	7	6	33	4	2	29	26	485,286	478,813	9	11	New York
35	35	37	37	37	37	40	39	23,000	26,000	43	43	35	36	41	31	40	46	73,029	67,957	42	43	New Jersey
15	17	13	13	15	16	16	18	165,000	180,000	13	13	10	19	11	5	14	29	414,456	399,786	13	15	Pennsylvania
5	4	8	10	13	12	12	12	212,000	219,000	9	10	5	22	12	7	9	10	479,737	483,508	11	10	Ohio
10	13	16	16	18	21	14	17	178,000	182,000	12	12	9	16	15	10	7	19	391,510	407,354	16	14	Indiana
3	3	3	4	4	4	3	4	271,000	285,000	6	6	3	14	8	6	3	21	658,514	755,124	5	3	Illinois
16	18	15	15	20	19	15	14	162,000	178,000	14	14	8	34	13	8	17	11	388,541	415,343	17	13	Michigan
13	14	11	9	10	9	11	10	287,000	308,000	3	3	4	35	3	1	10	28	592,101	605,452	7	8	Wisconsin
9	11	5	5	7	8	6	7	275,000	300,000	5	5	2	30	5	3	4	20	598,321	626,300	6	7	Minnesota
2	2	2	2	2	2	2	2	458,000	494,000	1	1	1	18	1	4	1	13	944,924	1,039,339	2	2	Iowa
6	7	9	12	12	13	10	11	213,000	236,000	8	9	15	7	10	9	5	16	480,733	515,933	10	9	Missouri
23	25	17	18	9	11	13	13	95,000	104,000	20	19	14	37	19	17	16	24	373,900	346,942	18	17	North Dakota
20	23	27	28	14	17	24	25	160,000	169,000	15	15	13	27	14	15	6	18	402,286	337,666	14	18	South Dakota
7	10	12	14	3	5	5	6	284,000	302,000	4	4	7	17	6	14	2	17	662,819	634,020	3	6	Nebraska
4	6	4	6	5	6	4	5	208,000	239,000	10	8	11	13	7	13	8	27	568,754	647,011	8	5	Kansas
46	46	46	46	46	46	45	45	6,000	8,000	47	47	47	32	47	44	46	47	22,214	24,157	47	47	Delaware
33	32	35	36	35	34	35	35	35,000	38,000	39	38	28	23	37	27	35	31	106,828	100,286	36	38	Maryland
25	26	23	24	24	24	25	24	70,000	79,000	27	25	19	15	24	21	25	25	251,134	250,266	26	26	Virginia
34	34	34	35	36	35	33	34	46,000	51,000	34	34	26	29	29	32	34	23	116,546	120,809	33	34	West Virginia
11	12	6	7	6	7	8	8	78,000	79,000	23	26	29	3	35	24	12	33	422,707	383,101	12	16	North Carolina
14	15	26	26	28	27	27	28	37,000	37,000	38	39	42	11	45	41	30	45	203,948	180,590	29	31	South Carolina
12	9	18	17	16	14	17	15	76,000	77,000	25	27	43	2	33	30	13	41	336,326	309,180	19	19	Georgia
37	36	36	33	33	33	34	33	21,000	23,000	44	44	46	20	44	46	28	39	114,752	112,239	34	36	Florida
19	19	20	22	25	26	20	23	101,000	104,000	19	20	20	9	20	18	22	14	273,472	294,135	23	20	Kentucky
24	22	22	21	23	22	21	21	89,000	91,000	21	22	23	6	23	22	21	30	274,694	290,678	22	21	Tennessee
26	24	24	23	21	20	23	22	65,000	67,000	30	29	40	4	36	33	19	37	290,468	264,098	21	25	Alabama
22	21	19	19	19	18	19	19	67,000	66,000	29	31	33	5	34	28	24	42	294,948	279,128	20	22	Mississippi
21	20	21	20	22	22	21	20	59,000	62,000	31	33	36	8	31	26	20	38	256,143	265,525	25	23	Arkansas
28	28	29	27	29	29	26	33	38,000	43,000	37	35	37	12	40	38	26	36	188,020	204,572	30	29	Louisiana
8	8	7	8	11	10	9	9	119,000	128,000	16	16	17	10	16	16	15	32	399,172	431,382	15	12	Oklahoma
1	1	1	1	1	1	1	1	372,000	401,000	2	2	12	1	2	12	11	1	1,109,535	1,183,924	1	1	Texas
36	37	28	29	27	28	28	29	109,000	128,000	18	17	18	38	18	36	27	2	268,362	264,658	24	24	Montana
31	31	31	31	30	31	31	32	68,000	75,000	28	28	25	39	28	35	31	8	176,264	171,222	32	32	Idaho
44	44	42	43	42	43	42	44	79,000	95,000	22	21	32	40	21	42	36	4	110,432	127,373	35	33	Wyoming
29	29	30	30	31	30	30	30	111,000	125,000	17	18	21	25	17	25	23	6	226,383	238,626	28	27	Colorado
43	43	41	42	44	44	44	43	71,000	80,000	26	24	34	26	22	43	41	9	100,475	114,023	37	35	New Mexico
42	42	44	44	41	42	37	40	44,000	43,000	35	36	38	31	32	45	47	15	77,425	83,745	40	39	Arizona
38	38	43	41	43	39	38	38	59,000	67,000	32	30	31	41	30	40	38	5	96,159	109,230	38	37	Utah
47	47	47	47	47	47	47	47	32,000	36,000	40	40	45	42	39	48	45	12	40,122	46,567	45	45	Nevada
27	27	25	25	26	25	26	27	57,000	65,000	33	32	22	24	26	20	32	22	233,182	213,383	27	28	Washington
31	30	33	32	32	32	31	31	77,000	85,000	24	23	24	28	25	23	33	7	184,081	187,755	31	30	Oregon
18	5	10	2	8	3	7	3	181,000	201,000	11	11	16	21	9	11	18	3	660,778	729,159	4	4	California
								5,513,000	5,953,000							14,681,470	15,046,217	United States				

FARMERS MUST CO-OPERATE FOR FARM RELIEF

All of my agricultural contacts convince me that to achieve real farm relief farmers themselves must produce together, sell together, and buy together. I do not mean that all of our main staple crops must be sold largely co-operatively at once, but gradually this should come about, every effort being made while this is developing to make cooperatives efficient, effective, and economical in their business operations.

I do not mean in buying together that farmers should become merchants, but there are a number of the essentials to the production of crops which farmers can buy together through merchants, or through their cooperative buying agency in a way to effect important savings.

By producing together I mean that farmers growing our main staple crops must learn to plant such acreages of each of these crops as will bring about such production as will reasonably meet the needs for consumption. This is necessary if fair or reasonable prices are to be obtained. I know this is difficult, but we should be able to do better in the future than we have in the past in the matter of the acreages which we will devote to different crops with the view of bringing about reasonable production.

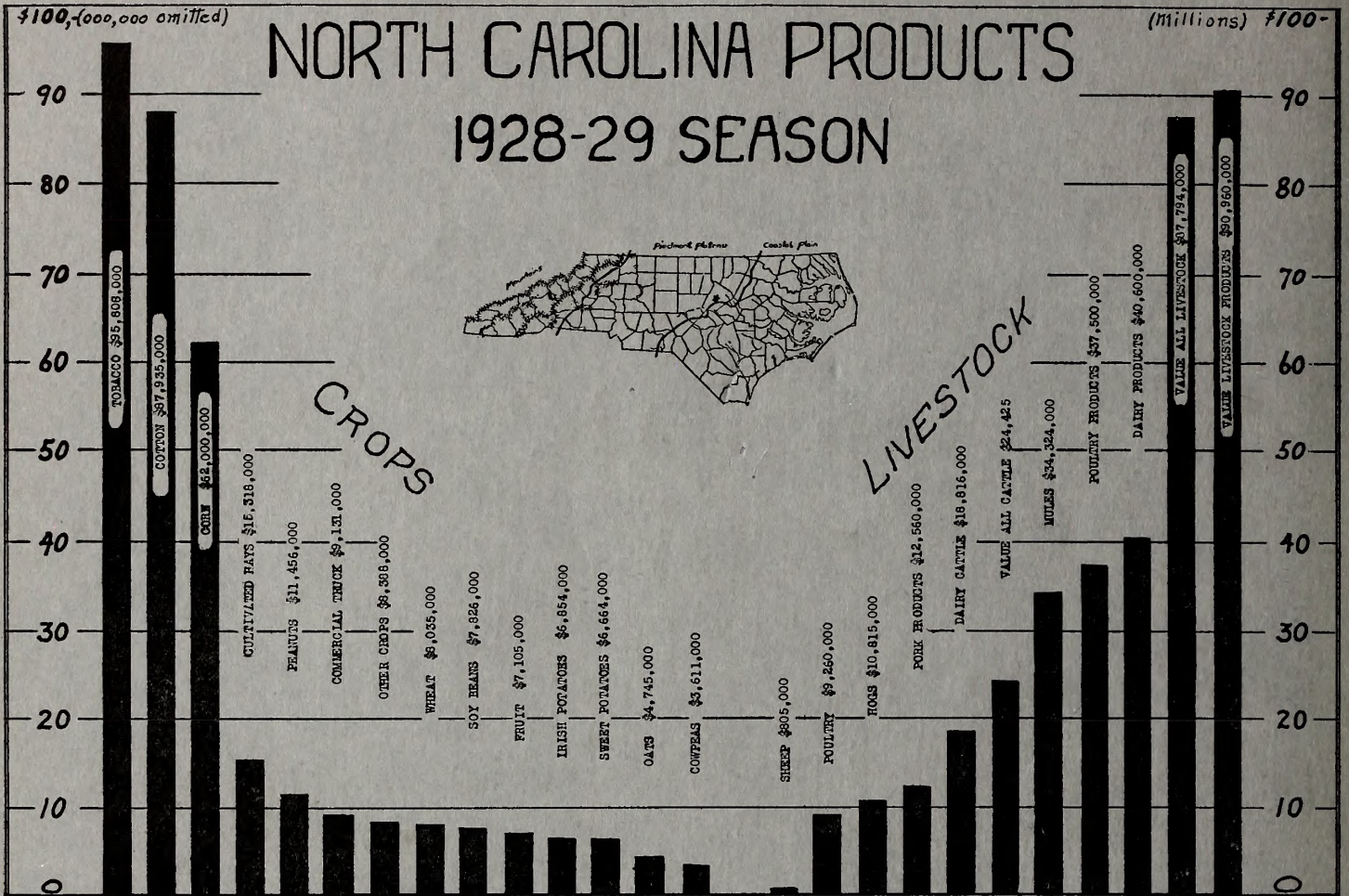
These things alone will not bring real farm relief. Our State and Federal governments are responsible for the present farm situation, especially our Federal government, for extending privileges to other groups of people which have raised the prices of their products, or what they had to sell. The tariff has raised the price of what manufacturers have to sell. The average duty on manufactured products is about 42 percent. Restricted immigration and shorter hours of labor have raised the price of labor. Until price raising privileges are reduced or taken away from other groups, or corresponding price raising privileges are extended to the farmer, the present difficult farm situation will continue with more or less severity. Because of the privileges referred to, the farmer has been at an average disadvantage during the last eight years of around 20 percent.

B. W. KILGORE

The beauty of statistics is that they offer a perfect means of studying comparisons. Thus the rank of individual States in regard to crop and livestock values are made available above. This is probably the most comprehensive page in the whole publication. It should be studied carefully and preserved for future reference. It will be readily seen that we have a high rank in crop value but a low one in livestock. This indicates our weakness. Dr. Clarence Poe, Editor of the *Progressive Farmer*, says that we have a one-armed agriculture so long as livestock is not an important item. Livestock offer our best market for crop products.



Cattle harvest the hillside volunteer grass crops.—Ashe County.



While this graph is very similar to the one shown on last year's Annual Issue (front cover) it not only illustrates the past season's crops and livestock values, but for the first time shows livestock *products* values. This line graph clearly presents the dollars distribution of farm products. While the acreage distribution shows a much greater diversification, the dollars value is what farmers count first. Too many overlook the fact that cotton, tobacco, truck and fruit crops are extravagant consumers of fertilizers, labor and overhead. The price trends on page 34 should be studied with a regard to costs.



Pure bred cattle on fine lespedeza pasture in Wilkes County.